

Artifact Type	Description (Topic) Grade Level Link	Related Goal and CS&DF Standard
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3 - 6)</p> <p>Create an exemplar Scratch project for a curriculum topic of your choice</p> <p>Code a controller</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-6)</p> <p>Create an exemplar Scratch project for a curriculum topic of your choice</p> <p>Code a Controller - sensing blocks</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Digital Literacy Padlet</p>	<ul style="list-style-type: none"> ● 7.8 DL 2 Communicate and collaborate with others using a variety of digital tools to create and revise a collaborative

		<ul style="list-style-type: none"> product. 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts 2-3.DL.7 Understand what it means to be part of a digital community and describe ways to keep it a safe, respectful space.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Bear Starter Code</p>	<ul style="list-style-type: none"> 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Bear Solution Code</p>	<ul style="list-style-type: none"> 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Finding Nemo</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Harry Potter</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Jurassic Park</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share

		<p>knowledge and convey ideas</p> <ul style="list-style-type: none"> ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Little Mermaid</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Beauty and the Beast</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Finding Nemo</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Loki vs Thor</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (7-8)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>French Dialogue</p>	<ul style="list-style-type: none"> ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.

<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>What movie is this?</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Charlotte's Web</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Little Mermaid</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share

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<p><u>Teacher Developed Resource</u></p>	<p>Grades (5/6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Lost in the Woods</p>	<ul style="list-style-type: none"> ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Dragons Love Tacos</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into

	<p>from a book or movie</p> <p>Dragons Love Tacos</p>	<p>smaller named tasks, some of which can themselves be decomposed into smaller steps.</p> <ul style="list-style-type: none"> • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas • 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. • 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. • 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Duck for President</p>	<ul style="list-style-type: none"> • 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps • 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas • 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. • 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. • 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Movie Scene</p>	<ul style="list-style-type: none"> • 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps • 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas • 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. • 2-3.DL.4 Use a variety of digital tools

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<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Sound of Music</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Jaws</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into

	<p>from a book or movie</p> <p>League of their Own</p>	<p>smaller named tasks, some of which can themselves be decomposed into smaller steps.</p> <ul style="list-style-type: none"> ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Finding Nemo</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (2/3)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Recess Queen</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools

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<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Elf</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (5/6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Love and basketball</p>	<ul style="list-style-type: none"> ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (2-4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Little Mermaid</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share

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<p><u>Teacher Developed Resource</u></p>	<p>Grades (2-4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Little Mermaid</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Harry Potter</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

<p><u>Teacher Developed Resource</u></p>	<p>Grades (3/4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Emperor's New Groove</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (7/8)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Never Lie</p>	<ul style="list-style-type: none"> ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Nemo</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

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<p><u>Teacher Developed Resource</u></p>	<p>Grades (3-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Prince and Princess (with Responses)</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (2-4)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Dino Home</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share

		<p>knowledge and convey ideas</p> <ul style="list-style-type: none"> ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>Grades (4-6)</p> <p>Create an exemplar Scratch project for your favorite scene from a book or movie</p> <p>Forrest Gump</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 2-8)</p> <p>Choose your own Adventure Slide Decks</p> <p>Group 10</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

		<ul style="list-style-type: none"> ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 2-8) Choose your own Adventure Slide Decks</p> <p>Story</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 5-8) Choose your own Adventure Google Form</p> <p>Choose Your Own Adventure- Mesopotamia</p>	<ul style="list-style-type: none"> ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-6) Choose your own Adventure Slide Decks</p> <p>Disney Adventure</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 2-8) Choose your own Adventure Slide Decks</p> <p>Unknown Planet</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their

		<ul style="list-style-type: none"> ● purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 2-8) Choose your own Adventure Slide Decks</p> <p>Story</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 2-8) Choose your own Adventure Slide Decks</p> <p>Choose your ending</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital

		artifacts.
<u>Teacher Developed Resource</u>	Grade 3 Choose your own Adventure Slide Decks Welcome to Third Grade	<ul style="list-style-type: none"> • 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas • 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts.
<u>Teacher Developed Resource</u>	Grade 3 Choose your own Adventure Slide Decks Choose Your Own	<ul style="list-style-type: none"> • 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas • 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts.
<u>Teacher Developed Resource</u>	(Grades 3 - 6) Choose your own Adventure Slide Decks Adventure Story	<ul style="list-style-type: none"> • 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps • 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas • 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. • 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. • 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<u>Teacher Developed Resource</u>	(Grades 3-6) Analyze a Scratch project for coding errors in order to “Debug”	<ul style="list-style-type: none"> • 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps • 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can

	<p>Debug</p>	<p>themselves be decomposed into smaller steps.</p> <ul style="list-style-type: none"> ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-6)</p> <p>Analyze a Scratch project for coding errors in order to “Debug”</p> <p>Debug 2</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5099952813113344</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps.

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/6103274672095232</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5626165864431616</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5337437761699840</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5399107737485312</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/4756381182459904</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan

	<p>https://musiclab.chromeexperiments.com/Song-Maker/song/5519428159275008</p>	<p>that outlines the steps needed to complete a task.</p> <ul style="list-style-type: none"> ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5099952813113344</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5585703866728448</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital

		artifacts
<u>Teacher Developed Resource</u>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5936724363182080</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<u>Teacher Developed Resource</u>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/6196053079228416</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5555703889264640</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan

	<p>https://musiclab.chromeexperiments.com/Song-Maker/song/6316102867746816</p>	<p>that outlines the steps needed to complete a task.</p> <ul style="list-style-type: none"> ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/6089078597222400</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while

		<p>learning with others.</p> <ul style="list-style-type: none"> ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5621417375432704</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher</u></p>	<p>(Grades K-8)</p>	

<p><u>Developed Resource</u></p>	<p>Design your own song using Chrome Music Maker</p> <p>https://scratch.mit.edu/projects/874359305</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5166404547117056</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps.

		<ul style="list-style-type: none"> ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/6497369865322496</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their

		<ul style="list-style-type: none"> purpose within the larger task 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/4797637497454592</p>	<ul style="list-style-type: none"> K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. K-1.DL.2 Communicate and work with others using digital tools. 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>Take 2!</p>	<ul style="list-style-type: none"> K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. K-1.DL.2 Communicate and work with others using digital tools. 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into

		<p>smaller steps</p> <ul style="list-style-type: none"> ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design your own song using Chrome Music Maker</p> <p>https://musiclab.chromeexperiments.com/Song-Maker/song/5476856225333248</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.

		<ul style="list-style-type: none"> ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>https://www.pixilart.com/art/football-sr291caaaafdf20</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>https://scratch.mit.edu/projects</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task.

	<p>/874031876</p>	<ul style="list-style-type: none"> ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>https://www.pixilart.com/art/ice-cream-sr29516060007e9</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others.

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>https://scratch.mit.edu/projects/874032527</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize

	<p>image using Pixel art and Scratch</p> <p>https://www.pixilart.com/art/filed-sr29541b07179f1</p>	<p>which steps are repeated.</p> <ul style="list-style-type: none"> ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>https://www.pixilart.com/art/pencil-sr2882c1505a283</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>Cupcake</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts

<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>Duck</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>Kirby</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>https://scratch.mit.edu/projects/874362975</p>	<ul style="list-style-type: none"> ● K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. ● K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. ● K-1.DL.2 Communicate and work with others using digital tools. ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades K-8)</p> <p>Design and code your own image using Pixel art and Scratch</p> <p>Mug</p> <p>https://www.pixilart.com/draw?ref=ho</p>	<ul style="list-style-type: none"> K-1.CT.8 Identify a task consisting of steps that are repeated, and recognize which steps are repeated. K-1.CT.10 Collaboratively create a plan that outlines the steps needed to complete a task. K-1.DL.2 Communicate and work with others using digital tools. 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 5-8)</p> <p>Exploring Human Centered Design (Smart Clothing)</p> <p>Copy of Documenting the Iterative Design Process</p>	<ul style="list-style-type: none"> 4-6.CT.10: Describe the steps taken and choices made to design and develop a solution using an iterative design process. 7-8.NSD.1: Design a user interface for a computing technology that considers usability, accessibility, and desirability. 7-8.NSD.2: Design a project that

		<p>combines hardware and software components.</p> <ul style="list-style-type: none"> ● 4-6.IC.6: Identify and explain ways to improve the accessibility and usability of a computing device or software application for the diverse needs and wants of users.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 5-8)</p> <p>Exploring Human Centered Design (Smart Clothing)</p> <p>Copy of Documenting the Iterative Design Process</p>	<ul style="list-style-type: none"> ● 4-6.CT.10: Describe the steps taken and choices made to design and develop a solution using an iterative design process. ● 7-8.NSD.1: Design a user interface for a computing technology that considers usability, accessibility, and desirability. ● 7-8.NSD.2: Design a project that combines hardware and software components. ● 4-6.IC.6: Identify and explain ways to improve the accessibility and usability of a computing device or software application for the diverse needs and wants of users.
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<p><u>Teacher Developed Resource</u></p>	<p>(Grades 5-8)</p> <p>Exploring Human Centered Design (Smart Clothing)</p> <p>Link to Slides</p>	<ul style="list-style-type: none"> ● 4-6.CT.10: Describe the steps taken and choices made to design and develop a solution using an iterative design process. ● 7-8.NSD.1: Design a user interface for a computing technology that considers usability, accessibility, and desirability. ● 7-8.NSD.2: Design a project that combines hardware and software components. ● 4-6.IC.6: Identify and explain ways to improve the accessibility and usability of a computing device or software application for the diverse needs and wants of users.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 5-8)</p> <p>Exploring Human Centered Design (Smart Clothing)</p> <p>Room 4 Documenting the Iterative Design Process</p>	<ul style="list-style-type: none"> ● 4-6.CT.10: Describe the steps taken and choices made to design and develop a solution using an iterative design process. ● 7-8.NSD.1: Design a user interface for a computing technology that considers usability, accessibility, and desirability. ● 7-8.NSD.2: Design a project that combines hardware and software components. ● 4-6.IC.6: Identify and explain ways to improve the accessibility and usability of a computing device or

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<u>Teacher Developed Resource</u>	(Grades 5-8) Exploring Human Centered Design (Smart Clothing) Copy of Documenting the Iterative Design Process	<ul style="list-style-type: none"> ● 4-6.CT.10: Describe the steps taken and choices made to design and develop a solution using an iterative design process. ● 7-8.NSD.1: Design a user interface for a computing technology that considers usability, accessibility, and desirability. ● 7-8.NSD.2: Design a project that combines hardware and software components. ● 4-6.IC.6: Identify and explain ways to improve the accessibility and usability of a computing device or software application for the diverse needs and wants of users.
<u>Teacher Developed Resource</u>	(Grades 5-8) Exploring Human Centered Design (Smart Clothing) https://docs.google.com/presentation/d/1GpyWCbs53zmcs4qvC_sL8vDrNas5hsb4q2s0HF-X7qd4/edit?usp=sharing	<ul style="list-style-type: none"> ● 4-6.CT.10: Describe the steps taken and choices made to design and develop a solution using an iterative design process. ● 7-8.NSD.1: Design a user interface for a computing technology that considers usability, accessibility, and desirability. ● 7-8.NSD.2: Design a project that combines hardware and software components. ● 4-6.IC.6: Identify and explain ways to improve the accessibility and usability of a computing device or software application for the diverse needs and wants of users.
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<p><u>Teacher Developed Resource</u></p>	<p>(Grades 5-8)</p> <p>Exploring Human Centered Design (Smart Clothing)</p> <p>Break out Room 7 Documenting the Iterative Design Process</p>	<ul style="list-style-type: none"> ● 4-6.CT.10: Describe the steps taken and choices made to design and develop a solution using an iterative design process. ● 7-8.NSD.1: Design a user interface for a computing technology that considers usability, accessibility, and desirability. ● 7-8.NSD.2: Design a project that combines hardware and software components. ● 4-6.IC.6: Identify and explain ways to improve the accessibility and usability of a computing device or software application for the diverse needs and wants of users.
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<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-8)</p> <p>Biography posters of influential Computer Scientists using Canva</p> <p>Annie Easley</p>	<ul style="list-style-type: none"> ● 4-6.IC.7 Identify a diverse range of role models in computer science. ● 4-6.DL.3 Conduct and refine advanced multi-criteria digital searches to locate content relevant to varied learning goals ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. ● 2-3.DL.3 Conduct basic searches based on studentidentified keywords.
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<u>Teacher Developed Resource</u>	(Grades 3-8) Biography posters of influential Computer Scientists using Canva Anne Aaron	<ul style="list-style-type: none"> ● 4-6.IC.7 Identify a diverse range of role models in computer science. ● 4-6.DL.3 Conduct and refine advanced multi-criteria digital searches to locate content relevant to varied learning goals ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. ● 2-3.DL.3 Conduct basic searches based on studentidentified keywords.
<u>Teacher Developed Resource</u>	(Grades 3-8) Biography posters of influential Computer Scientists using Canva https://www.canva.com/design/DAF5IqcF4vA/_Yas6MW-lz7oySwgMX4e9A/edit?utm_content=DAF5IqcF4vA&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	<ul style="list-style-type: none"> ● 4-6.IC.7 Identify a diverse range of role models in computer science. ● 4-6.DL.3 Conduct and refine advanced multi-criteria digital searches to locate content relevant to varied learning goals ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. ● 2-3.DL.3 Conduct basic searches based on studentidentified keywords.
<u>Teacher Developed Resource</u>	(Grades 3-8) Biography posters of influential Computer Scientists using Canva https://www.canva.com/design/DAF5InjDACs/BhXMxbD8WOOSaNez_gPaBg/edit?utm_content=DAF5InjDACs&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	<ul style="list-style-type: none"> ● 4-6.IC.7 Identify a diverse range of role models in computer science. ● 4-6.DL.3 Conduct and refine advanced multi-criteria digital searches to locate content relevant to varied learning goals ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. ● 2-3.DL.3 Conduct basic searches based on studentidentified keywords.
<u>Teacher Developed</u>	(Grades 3-8)	<ul style="list-style-type: none"> ● 4-6.IC.7 Identify a diverse range of role models in computer science.

<p><u>Resource</u></p>	<p>Biography posters of influential Computer Scientists using Canva</p> <p>https://www.canva.com/design/DAF5IjOkfNs/LGZCQGqbfMiX6QjvumhgjO/edit?ui=eyJHIjp7fX0</p>	<ul style="list-style-type: none"> ● 4-6.DL.3 Conduct and refine advanced multi-criteria digital searches to locate content relevant to varied learning goals ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. ● 2-3.DL.3 Conduct basic searches based on studentidentified keywords.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-8)</p> <p>Biography posters of influential Computer Scientists using Canva</p> <p>https://www.canva.com/design/DAF5IisMtSA/4cKeHtgY87O400G8Lxmh9Q/view?utm_content=DAF5IisMtSA&utm_campaign=designshare&utm_medium=link&utm_source=editor</p>	<ul style="list-style-type: none"> ● 4-6.IC.7 Identify a diverse range of role models in computer science. ● 4-6.DL.3 Conduct and refine advanced multi-criteria digital searches to locate content relevant to varied learning goals ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. ● 2-3.DL.3 Conduct basic searches based on studentidentified keywords.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-8)</p> <p>Biography posters of influential Computer Scientists using Canva</p> <p>https://www.canva.com/design/DAF5IiNvg8U/Cr0_w7GzPhfh22DIKwySA/view?utm_content=DAF5IiNvg8U&utm_campaign=designshare&utm_medium=link&utm_source=editor</p>	<ul style="list-style-type: none"> ● 4-6.IC.7 Identify a diverse range of role models in computer science. ● 4-6.DL.3 Conduct and refine advanced multi-criteria digital searches to locate content relevant to varied learning goals ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts. ● 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. ● 2-3.DL.3 Conduct basic searches based on studentidentified keywords.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-4)</p> <p>Create an exemplar Scratch project using points in your algorithm</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller

	<p>Clicker Game</p>	<p>steps.</p> <ul style="list-style-type: none"> ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts..
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3-4)</p> <p>Create an exemplar Scratch project using events, controls, duplicates in your algorithm</p> <p>Balloon Pop</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3/4)</p> <p>Develop a curriculum based application using Scratch</p> <p>Magnet testers</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others.

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3/4)</p> <p>Develop a curriculum based application using Scratch</p> <p>Hoppers</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3/4)</p> <p>Develop a curriculum based application using Scratch</p> <p>Random Multiplier</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3/4)</p> <p>Develop a curriculum based</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps

	<p>application using Scratch</p> <p>Array Practice</p>	<ul style="list-style-type: none"> ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3/4)</p> <p>Develop a curriculum based application using Scratch</p> <p>3 sisters game</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3/4)</p> <p>Develop a short story using Scratch and apply background changes and speech bubbles.</p> <p>Scratch Stone Fox Scenes</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others.

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<p><u>Teacher Developed Resource</u></p>	<p>(Grades 3/4)</p> <p>Develop a short story using Scratch and apply background changes and speech bubbles.</p> <p>Scratch Stone Fox Scenes</p>	<ul style="list-style-type: none"> ● 2-3.CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps ● 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps. ● 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Eco-Simulation: Scratch Animations and Food Chains</p>	<ul style="list-style-type: none"> ● CT1: Problem Solving: The lesson aligns with computational thinking through problem-solving as students design, troubleshoot, and refine their Scratch animations. They employ logical reasoning to represent the movements and characteristics of animals accurately.
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Finding perspective in SS</p>	<ul style="list-style-type: none"> ● 4-6.CT.2 Collect digital data related to a real-life question or need. ● 4-6.CT.3, Visualize a simple data set in order to highlight relationships and persuade an audience.
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Finding Perspective in Social Studies</p>	<ul style="list-style-type: none"> ● 4-6.CT.2 Collect digital data related to a real-life question or need. ● 4-6.CT.3, Visualize a simple data set in order to highlight relationships and persuade an audience.
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Identify and Explore the Keys on a Keyboard.</p>	<ul style="list-style-type: none"> ● K-1.DL.1 Identify and explore the keys on a keyboard. Clarifying Statement The focus is on exploring physical and/or touchscreen keyboards, and for students to be able to identify

		specific keys such as arrow keys, enter, space bar, backspace.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Title: "Protecting Our Precious Wildlife: Learning About Endangered Species"	<ul style="list-style-type: none"> • 2-3.DL.3 Conduct basic searches based on student identified keywords. • 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. •
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Protecting Our Precious Wildlife	<ul style="list-style-type: none"> • 2-3.CT.2, Identify and describe data collection tools from everyday life. • 2-3.CT.3, Present the same data in multiple visual formats in order to tell a story about the data. • 2-3.CT.7, Name/label key pieces of information in a set of instructions, noting whether each name/label refers to a fixed or changing value. • 2-3.CT.10 Develop and document a plan that outlines specific steps taken to complete a project.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Scratch Jr. Communities (Unit Plan for Types of Communities- Rural, Urban, Suburban- with culminating Scratch Jr. project)	<ul style="list-style-type: none"> • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas. • 2-3.CT.1 Create a model of an object or computational process in order to identify patterns and essential elements of the object or process. • • 2-3.CT.9 Identify and debug errors within an algorithm or program that includes sequencing or repetition.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Important Women in American History	<ul style="list-style-type: none"> • 2-3.ct.3CT.3, Present the same data in multiple visual formats in order to tell a story about the data.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Animal Infographic using Canva	<ul style="list-style-type: none"> • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas. • 2-3.DL.3 Conduct basic searches based on student identified keywords. • • 2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts. • 2-3.CT.5- Identify the essential details needed to perform a general task in different settings or situations

		<ul style="list-style-type: none"> • 2-3.CT.10 Develop and document a plan that outlines specific steps taken to complete a project
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard Non-fiction Animal Infographic</p>	<p>2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas.</p> <p>2-3.DL.3 Conduct basic searches based on student identified keywords.</p> <p>2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts.</p> <p>2-3.CT.5- Identify the essential details needed to perform a general task in different settings or situations</p> <p>2-3.CT.10 Develop and document a plan that outlines specific steps taken to complete a project.</p>
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard helping endangered animals</p>	<p>2-3.DL.3 Conduct basic searches based on student identified keywords.</p> <p>2-3.DL.4 Use a variety of digital tools and resources to create digital artifacts.</p>
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard Troubleshooting Canvas</p>	<ul style="list-style-type: none"> • 7-8.NSD.3 Identify and fix problems with computing devices and their components using a systematic troubleshooting method or guide.
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard Internet Safety</p>	<ul style="list-style-type: none"> • 7-8.IC.4 Identify and discuss issues related to the collection and use of public and private data • 7-8.CT.1 Compare the results of alternative models or simulations to determine and evaluate how the input data and assumptions change the results. • 7-8.NSD.1 Design a user interface for a computing technology that considers usability, accessibility, and desirability. • 7-8.CY.2 Describe physical, digital, and behavioral safeguards that can be employed in different situations. • 7-8.DL.2 Communicate and collaborate with others using a variety of digital tools to create and revise a collaborative product. • 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. • 7-8.DL.6 Explain the connection between the persistence of data on the Internet, personal online identity, and personal privacy. • 7-8.DL.7 Describe safe, appropriate,

		positive, and responsible online behavior and identify strategies to combat negative online behavior.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Litgram: Capturing Mood and Character Perspectives in Texts Through a Creative Mock-Instagram Activity	<ul style="list-style-type: none"> 7-8.DL.2 Communicate and collaborate with others using a variety of digital tools to create and revise a collaborative product. 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. 7-8.DL.5 Transfer knowledge of technology in order to explore new technologies.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Career Exploration using Naviance and Canva	<p>7-8.IC.7 Explore a range of computer science related career paths.</p> <p>7-8.DL.2 Communicate and collaborate with others using a variety of digital tools to create and revise a collaborative product.</p> <p>7-8.DL.3 Compare types of search tools, choose a search tool for effectiveness and efficiency, and evaluate the quality of search tools based on returned results.</p> <p>7-8.DL.5 Transfer knowledge of technology in order to explore new technologies.</p>
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Using Canva for my Flush Research Project	<p>4-6.DL4 Use a variety of digital tools and resources to create and revise digital artifacts.</p> <p>4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others.</p> <p>6SL1: Engage effectively in a range of collaborative discussions with diverse partners; express ideas</p> <p>6W7: Gather relevant information from multiple sources; assess the credibility of each source; quote or paraphrase the data and conclusions of others; avoid plagiarism and provide basic bibliographic information for sources.</p> <p>6SL5: Include digital media and/or visual displays in presentations to clarify information and emphasize and enhance central ideas or themes.</p>
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Conductors and Insulators using Makey Makey, Canva and Flip Grid	<p>4-6.CT.1 Develop a computational model of a system that shows changes in output when there are changes in inputs.</p> <p>4-6.DL4 Use a variety of digital tools and resources to create and revise digital artifacts.</p>

		<p>4-6.NSD.1 Propose improvements to the design of a computing technology based on an analysis of user interactions with that technology.</p> <p>MS-PS2-3. Ask questions about data to determine the factors that affect the strength of electric and magnetic forces.</p>
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Methods of Factoring Flow Chart & Sequencing	<ul style="list-style-type: none"> 7-8.CT.4 Write a program using functions or procedures whose names or other documentation convey their purpose within the larger task.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Engineering with Durability in Mind	<ul style="list-style-type: none"> 4-6.DL.3 Conduct and refine advanced multicriteria digital searches to locate content relevant to varied learning goals. 4-6.DL4 Use a variety of digital tools and resources to create and revise digital artifacts.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard System of Equations/Inequalities Recap using Digital Tools	<ul style="list-style-type: none"> 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Shark tank	<ul style="list-style-type: none"> 7-8.IC.6 Assess the accessibility of a computing device or software application in terms of user needs. 7-8.IC.7 Explore a range of computer science related career paths. 7-8.DL.1 Type on a keyboard while demonstrating proper keyboarding technique, with increased speed and accuracy. 7-8.DL.2 Communicate and collaborate with others using a variety of digital tools to create and revise a collaborative product. 7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Converting Percents	<ul style="list-style-type: none"> 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. 4-6.DL4 Use a variety of digital tools and resources to create and revise digital artifacts. 6.RP.A.3 Use ratio and rate reasoning to

		<p>solve real-world and mathematical problems, e.g., by reasoning about tables of equivalent ratios, tape diagrams, double number line diagrams, or equations. c. Find a percent of a quantity as a rate per 100</p>
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard Book Creator for How-To Writers</p>	<ul style="list-style-type: none"> ● K-1.IC.1 ● Identify and discuss how tasks are accomplished with and without computing technology. ● K-1.IC.6 With teacher support, identify different ways people interact with computers and computing devices. ● K-1.CT.4 Identify a problem or task and discuss ways to break it into multiple smaller steps. ● K-1.DL.2 Communicate and work with others using digital tools. ● K-1.DL.3 Conduct a basic search based on a provided keyword. ● K-1.DL.4 Use at least one digital tool to create a digital artifact.
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard Who Is the Greatest Hero</p>	<ul style="list-style-type: none"> ● 4-6.CT.3 Visualize a simple data set in order to highlight relationships and persuade an audience. ● 4-6.DL.1 Type on a keyboard while demonstrating proper keyboarding technique. ● 4-6.DL.2 Select appropriate digital tools to communicate and collaborate while learning with others. ● 4-6.DL.3 Conduct and refine advanced multicriteria digital searches to locate content relevant to varied learning goals. ● 4-6.DL.4 Use a variety of digital tools and resources to create and revise digital artifacts.
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard Where I Live: A Scratch Project Using Internet Safety Concepts</p>	<ul style="list-style-type: none"> ● 2-3.CY.1 Compare reasons why an individual should keep information private or make information public. ● 2-3.CY.3 Identify why someone might choose to share an account, app access, or

		<p>devices.</p> <ul style="list-style-type: none"> • 2-3.DL.1 Locate and use the main keys on a keyboard to enter text independently. • 2-3.DL.2 Communicate and work with others using digital tools to share knowledge and convey ideas. • 2-3.CT.7 Name/label key pieces of information in a set of instructions, noting whether each name/label refers to a fixed or changing value
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Evolving Technology-Then & Now</p>	<ul style="list-style-type: none"> • 2-3.IC.1-Identify and analyze how computing technology has changed the way people live and work.
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Debugging & Solving Algebraic Expressions</p>	<p>7-8.CT.6, Design, compare and refine algorithms for a specific task or within a program</p> <p>7-8.CT.7 Design or remix a program that uses a variable to maintain the current value of a key piece of information.,</p> <p>7-8. CT.8, Develop or remix a program that effectively combines one or more control structures for creative expression or to solve a problem.</p> <p>7-8. CT. 9,Read and interpret code to predict the outcome of various programs that involve conditionals and repetition for the purposes of debugging.</p> <p>7-8.DL.2,Select appropriate digital tools to communicate and collaborate while learning with others</p> <p>7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.</p>
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Figurative Language Infographic</p>	<ul style="list-style-type: none"> • 4-6.DL4 Use a variety of digital tools and resources to create and revise digital artifacts.
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Gr 5 Researching Government structures, functions, and founding documents of Canada, United States, Caribbean or</p>	<p>4-6.DL4 Use a variety of digital tools and resources to create and revise digital artifacts.</p>

	Mexico and creating an Infographic that demonstrates their learning.	
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard 8th grade French- recycling	7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts. 7-8.IC.1 Compare and contrast tradeoffs associated with computing technologies that affect individuals and society.
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Safety First!	2-3.IC.2 - Compare and explain rules related to computing technologies and digital technology. 2-3.IC.4 - Identify public and private digital spaces. 2-3.CY.1 - Compare reasons why an individual should keep information private or make it public 2-3.CY.2 - Compare and contrast behaviors that do and do not keep information secure. 2-3.DL.1 - Locate and use main keys on a keyboard to enter text independently 2-3.DL.2 - Communicate and work with others using digital tools to share knowledge and convey ideas. 2-3.DL.7 - Understand what it means to be part of a digital community and describe ways to keep it a safe, respectful space
<u>Lesson Plan Template</u>	Develop a lesson plan using at least 1 CS/DF Standard Internet Safety	7-8.IC.4 Identify and discuss issues related to the collection and use of public and private data 7-8.CT.1 Compare the results of alternative models or simulations to determine and evaluate how the input data and assumptions change the results. 7-8.NSD.1 Design a user interface for a computing technology that considers usability, accessibility, and desirability. 7-8.CY.2 Describe physical, digital, and behavioral safeguards that can be employed in different situations.

		<p>7-8.DL.2 Communicate and collaborate with others using a variety of digital tools to create and revise a collaborative product.</p> <p>7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.</p> <p>7-8.DL.6 Explain the connection between the persistence of data on the Internet, personal online identity, and personal privacy.</p> <p>7-8.DL.7 Describe safe, appropriate, positive, and responsible online behavior and identify strategies to combat negative online behavior.</p>
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Why are Algorithms and following directions as a Life Skill</p>	<ul style="list-style-type: none"> • CS Standard 1: Recognize and define algorithms as a series of ordered steps that solve a specific problem or complete a task. • CS Standard 2: Demonstrate the ability to follow algorithms accurately to solve problems or complete tasks.
<p><u>Lesson Plan Template</u></p>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>INTERNET SAFETY</p>	<p>7-8.IC.4 Identify and discuss issues related to the collection and use of public and private data</p> <p>7-8.CT.1 Compare the results of alternative models or simulations to determine and evaluate how the input data and assumptions change the results.</p> <p>7-8.NSD.1 Design a user interface for a computing technology that considers usability, accessibility, and desirability.</p> <p>7-8.CY.2 Describe physical, digital, and behavioral safeguards that can be employed in different situations.</p> <p>7-8.DL.2 Communicate and collaborate with others using a variety of digital tools to create and revise a collaborative product.</p> <p>7-8.DL.4 Select and use digital tools to create, revise, and publish digital artifacts.</p> <p>7-8.DL.6 Explain the connection between the persistence of data on the Internet, personal online</p>

		<p>identity, and personal privacy.</p> <p>7-8.DL.7 Describe safe, appropriate, positive, and responsible online behavior and identify strategies to combat negative online behavior.</p>
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Newton's Laws of Motion</p>	<ul style="list-style-type: none"> ● New York State Computer Science and Digital Fluency Standards: ● CD.OS.1: Operate systems and devices effectively and thoughtfully. ● CD.CT.2: Understand how hardware and software work together to perform a task.
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>Creating an advertisement for an innovative micro:bit gadget</p>	<p>4-6.DL.2, Select appropriate digital tools to communicate and collaborate while learning with others.</p> <p>4-6.DL4, Use a variety of digital tools and resources to create and revise digital artifacts.</p> <p>4-6.NSD.1, Propose improvements to the design of a computing technology based on an analysis of user interactions with that technology.</p> <p>4-6.IC.6 Identify and explain ways to improve the accessibility and usability of a computing device or software application for the diverse needs and wants of users</p>
<u>Lesson Plan Template</u>	<p>Develop a lesson plan using at least 1 CS/DF Standard</p> <p>The name of our lesson is Digital Safety.</p>	<p>K-1.IC.2 . Identify and explain classroom and home rules related to computing technologies and digital information.</p>