

**Elizabethtown Area School District
Scope & Sequence - Quick Reference**



Department: Science/Math/Technology

Course: STEAM

Grade Level(s): 1st Grade

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
Building & Design	<ul style="list-style-type: none"> Free Building Simple Machines (wheel & axel, gears) Collaborative Building (large model, 4 C's) 	1st Trimester (5 classes)
Design Challenges	<ul style="list-style-type: none"> Collaborative Building (4 C's) 	(2 classes)
Coding & Robotics	<ul style="list-style-type: none"> Collaborative Coding (Code-a-Pillar) 	(2 classes)
Building & Design	<ul style="list-style-type: none"> Free Building 	2nd Trimester (1 class)
Design Challenges	<ul style="list-style-type: none"> Collaborative Building (Structures 4 C's) 	(1 class)
Coding & Robotics	<ul style="list-style-type: none"> Collaborative Coding (Sphero Indi Car) Coding & Coding Challenges (Ozobots) 	(6 classes)
Design Process	<ul style="list-style-type: none"> Makerspace 	(1 class)
Building & Design	<ul style="list-style-type: none"> Free Building Collaborative Building 	3rd Trimester (2 classes)
Coding & Robotics/ Building	<ul style="list-style-type: none"> Collaborative Coding (Lego WeDo) <ul style="list-style-type: none"> Simple Machines 	(4 classes)
Design Process	<ul style="list-style-type: none"> Makerspace & Design Process 	(3 classes)