



Grades 4-5 Winter Challenge 2025-2026

Are you up for this Winter Challenge? We have confidence that you are!

Complete as many learning activities as you can over the winter break.

Ask an adult to initial each box once completed. Then return the Winter Challenge Choice Board and evidence to your teacher.

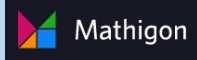
Choice Board: Complete as many as you can! 😊

ELA:

Create a recipe for a delicious holiday treat. Make sure to include a list of ingredients and step by step instructions that tell how to make it!

MATH GAME:

Play Factris for 30 minutes on 2 different days of your break and record your points below.



1 _____ 2 _____

<https://mathigon.org/factris>

Science:

Compare different materials to see which keeps an ice cube cold the longest. Place an ice cube in a plastic bag and then wrap it in different materials. Time how long it takes the ice cube to melt. Explain to a family member which materials were conductors/ insulators.

MATH:

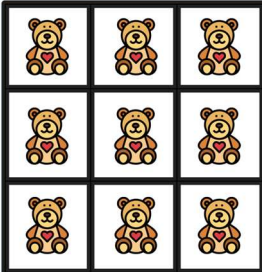
Complete at least 5 **DREAMBOX** Check them off as you go.

1 _____ 2 _____ 3 _____
4 _____ 5 _____

ELA: Interview a friend or family member, asking them about their favorite holiday tradition or memory. Make sure to ask questions like: Who, What, When, Where, Why, and How. Write up the interview as if you were writing a newspaper article, including a headline and 3-4 paragraphs of text.

MATH PUZZLE:

How many squares can you find?



Science:

Play this fun and challenging Quizizz Game: [Physical Science Review](#)
Can you get the highest score?

ELA: Write instructions on how to wrap a gift. Consider the following to help your reader/audience:

- Materials
- Steps
- Images
- Helpful tips

Ask someone to read (or watch) and DO your "how-to!"

Social Studies:

American History Snapshot! Interact with this [Kid Citizen](#) episode to learn about primary sources.

Science:

[Watch the Generation Genius Video: Energy Transfer](#)

Look around your home and find examples of energy and energy transformations.

ELA: Log-on to **Amira or myON** for 20 minutes for 1-2 days this week.

OR

Read/listen to a book for 20 minutes at least twice this week.

Social Studies:

Where is it? Choose a game in [Matching: Countries](#) from National Geographic Kids to learn about other places in our world! (Click on the pyramid to get started)



ELA: Read a book for 20-30 minutes. Think about a gift that you might give the main character. Write to tell what the gift would be and why it would be appropriate for this character.

MATH PUZZLE:

Use what you know about multiplication facts to find the value of each symbol.

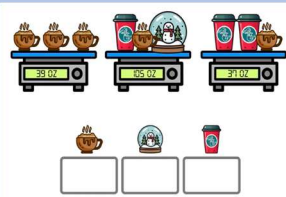


Social Studies:

Play like a colonial kid! Kids in colonial times played most of their games outdoors with few materials. Watch this [video](#) and create a hopscotch board to play like a colonial kid!

MATH PUZZLE:

What is the value of each symbol?



Science:

Ice Block Challenge

Discover which salt (table, kosher, or no salt) melts ice fastest. Make a prediction for which ice cube you think will melt fastest. Then place equal amounts of two different types of salt on two ice cubes and leave one ice cube with no salt as a control group. Time how long each takes to melt.

MATH GAME:

Play [Clear the Board](#)

Number your paper 1-12. Write an equation that equals each of the numbers on your board. Use only these numbers in your equation: 3, 6, and 8

Example: $11 = 6 + 8 - 3$
Record this on the back.

Science:

Create a marshmallow launcher using materials you can find around your house. Build and test your launcher. How does the force applied affect how far the marshmallow travels? How could you adjust your launcher build to make the marshmallow travel further or faster?

<p>ELA: Read a favorite holiday book and complete the scavenger hunt by finding and checking off as many things as possible on this list:</p> <ul style="list-style-type: none">*A character who travels*A setting with snow*A problem that gets solved*A character who shows kindness*A character who does something unexpected or surprising	<p>Science:</p> <p>Kitchen Science Chef</p> <p>Follow a recipe and identify at least four physical or chemical changes. Explain how you know if it is a physical or chemical change.</p>	<p>ELA: Create a cozy reading space by building a fort or using blankets. Ask a grownup to make you a mug of hot chocolate or tea, then spend 20-30 minutes reading a favorite chapter book in your cozy reading space.</p>	<p>Social Studies:</p> <p>Practice your timeline skills to reflect for the new year! Create 3 sentences where you consider how you <i>were</i>, how you <i>are</i>, and how you <i>want to be</i>. Follow this pattern:</p> <ol style="list-style-type: none">1. "In the past, I was..."2. "Today I am..."3. "In the future, I want to be..."	<p>MATH: Open Middle Task</p> <p>Using the digits 1 to 9, <u>at most one time each</u>, create a rectangle with an area as close to 500 and a perimeter as close to 100 as possible.</p> 
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Adult Signature