



Intermediate

WISHING YOU A WONDERFUL SUMMER FROM YOUR GRAND ERIE DISTRICT SCHOOL BOARD'S MATH & LITERACY TEAMS!



What do you notice?
What makes all the items alike? Different?
Which one doesn't belong?

$\frac{1}{4}$	$\frac{5}{4}$
$\frac{4}{10}$	$\frac{13}{21}$

Poem
Click on the [link](#) for a poem to read.

Is it always true?
Is it sometimes true?
Is it never true? Prove it!

A square number has an even number of factors.

Song Lyrics
Write out the lyrics to your favourite song.
Write a paragraph summarizing what the song is about.

Nature Fraction Hunt
Collect 12 small natural objects like leaves, stones, or sticks and sort them into groups. Write fractions, decimals, or percents to describe each group compared to the whole collection.

Make Six! Insert mathematical symbols to make each equation equal six.

2	2	2	=	6
3	3	3	=	6
4	4	4	=	6
5	5	5	=	6
6	6	6	=	6
7	7	7	=	6
8	8	8	=	6
9	9	9	=	6

Word Work
Write a list of as many words as you can with the prefix "dis".
Write a list of as many words as you can with the prefix "un".
Write a list of as many words as you can with the suffix "-able".

What is the same? What is Different?

$3(x+1) = 15$

Listen
Listen to a podcast episode. Write a 7 sentence summary of the episode.

Sidewalk Scale Challenge
Use sidewalk chalk to draw a mini-garden plan to scale, then label the real-life measurements it would represent. Compare the area and perimeter of two different designs.

Picnic Time!
Find 5 prices in flyers or online and create a budget for a picnic under \$25.

Talking Game
One person starts by saying "Fortunately" and mentioning something fortunate. The next person has to follow by saying something unfortunate about the previous situation. Continue switching to add to the story. Keep going until the story is over or you run out of ideas.

Would You Rather...
Use a coupon worth \$20.00 off of your entire purchase or 20% off of your entire purchase?

Journal Writing
Click on this [link](#) to find a list of journal prompts to choose from. Write a one page journal entry on your topic of choice.

Tessellation Art: Use a square, triangle, or hexagon to make a repeating pattern with no gaps or overlaps, then decorate it with a summer theme. Identify the transformations used.

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Which one doesn't belong?

Find a news article
Write a paragraph in response to the article. Think about these questions:
What is the point of view in the article?
Do you agree or disagree with the information?
Are there any alternative points of view?

How can you make the equation true by only moving one match stick?
Try building it. There are at least three ways to do this!

Sources:

- [Which One Doesn't Belong?](#)
- [Open Middle](#)
- [Nrich Math: Always, Sometimes, Never](#)
- [Same but Different Math](#)
- [Would You Rather?](#)
- [Math Equals Love](#)
- [Mashup Math](#)