<u>Week Seven – Ms. Sadler Mean's Grade 8 Class</u>

Hello Grade 8s! Hope you are all doing well and keeping busy! Don't forget to read, read, read!! I don't see a lot of activity on EPIC!, so I'm assuming you are reading hard copy books or else have your own reading websites or E-Readers. If you have an interesting literacy or numeracy website that you're using, please let me know! I'm always up for new sites that could benefit others as well.

Inspirational
Tips
for the Month

Life is nothing but challenges; the more you undergo, the more you learn. -Bhavani T.

Literacy: <u>Respond to the previous quote by Bhavani T</u>. What do you think it means, and what are some challenges that you have faced recently or in your life as a whole?

For each challenge, be sure to tease out the life lesson: WHAT DID YOU LEARN from the experience? Aim for one-two pages, and for each new challenge to be its own paragraph. Send me an attachment of your writing and I'll have a look!
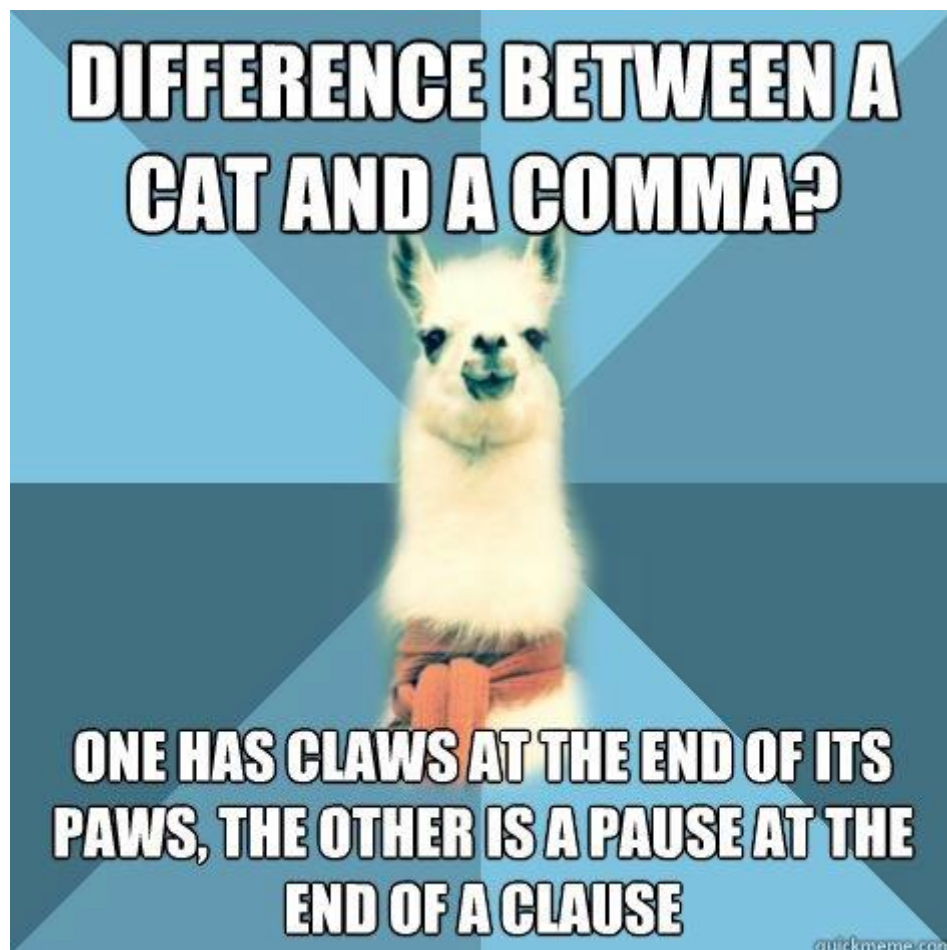
Also, <u>create a poem</u> where you write a single word or phrase per line, and nothing more. Choose words from your write-up so that we get the "condensed" poetic version of your challenges and what you've

overcome. These short, pause-filled poems can be super powerful (you all know how much I love poetry)! Record yourself reading your poem and send me the link!

Brainstorm as many **synonyms for determination** as you can (it could be a word or phrase). Then check out the link below to see both synonyms and antonyms: https://www.thesaurus.com/browse/determination

Finally, attempt this **interactive Website to freshen up about commas.** We could all use a bit more work with these tricky little things, that are all too important for organizing information and helping readers pause at the correct spots: https://wartgames.com/themes/languagearts/comma.html

Science: Check out the videos and reading resources that help illustrate the different kinds of rock at the following link and try the experiments below! Enjoy!

https://lemonlimeadventures.com/rocks-minerals-scratch-test/

Rock Investigation #1 | Marking on Paper

For the first investigation, we identified two categories we were looking for: rocks that leave a colored mark on paper and rocks that do not.

What you need:
Collection of Rocks
Black and White Construction Paper
Magnifying Glass (optional but very useful)

Rock Investigation #2 | Scratch Test on Rocks

Once again, the boys made labels for each category. (I allow them to use inventive spelling and approximations since this is not the focus of this lesson. However, later in the day/week we worked on learning the "tch" digraph.)

{some adult supervision is needed for this test}

What you need:

Collection of Rocks
Nails (of various sizes)
Magnifying Glass (optional but very useful)

Social Studies – Use the following Interactive Link that provides both slide shows and quizzes to test yourself on Landforms! Landforms are an important part of the Grade 8 Geography Unit!

https://www.scholastic.com/teachers/activities/teaching-content/rocks-minerals-and-landforms-12-studyjams-interactive-science-activities/

Numeracy: Here are the answer to last week's riddles: the addition pyramid was 37! Word problem #13 was you had 12/30 chance of getting a gumball, which can be reduced to 2/5. So, for every five tries, you will likely get a gumball twice. The answer to word problem #14 is 90 possible combinations!

Here are the interactive Canadian Math Websites that both teach you concepts, provide tutorials as well as quizzes.

https://ca.ixl.com/math/grade-8

https://www.studypug.com/ca/grade8?camp_id=274470753&grp_id=119736841203560

And here are your puzzles for this week!

🔴 + 🔴 + 🔴 = **30**

🔴 + 🟢🟢 + 🟢🟢 = **18**

🟢🟢 − 🔵🔵 = **2**

🔵 + 🔴 × 🟢 = **??**

Mind Your Decisions   Videos by Presh Talwalkar

Problem #15

Sarah has "D" dollars. If she had $50 more she would have $120. Write and solve equation to determine the amount of money Sarah has.

Problem #16

Three friends competed in a race. Their score comes from their total time. The first person completed the race in $\frac{3}{4}$ of an hour, the second finished in $1\frac{2}{3}$ hours and the third finished in $2\frac{1}{2}$ hours. What is the time difference between the first finisher and the last?