

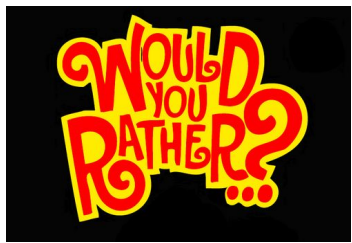
Big & Small

Today we will be exploring all things big and small!



Asynchronous Learning Tasks

Grade 4
Grade 5
Grade 6



Would You Rather Writing

A 'Would You Rather' question is a great way to think critically about two different options for you to choose from. Read through each option and decide on one you would like to answer.

Would you rather...

1. win a million dollars one time or receive a thousand dollars a week for life?
2. eat your favourite meal everyday or never eat it again?
3. sneeze cheese or cry chocolate?

Préfères-tu...

1. gagner un million de dollars une fois ou mille dollars chaque semaine?
2. manger ton repas favori tous les jours ou jamais le manger?
3. éternuer (sneeze) du fromage ou pleurer du chocolat?

Writing Checklist

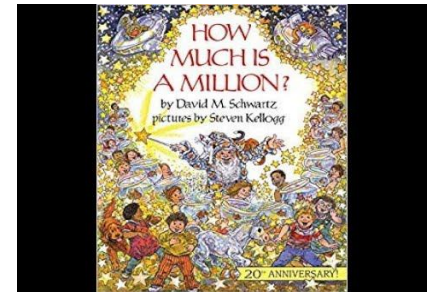
- Begin with a topic sentence (I would rather/Je préfère...)
- Include 2-3 sentences to support your answer
- Write a conclusion
- Check for capitals, periods, punctuation, and spelling



How Much is a Million?

Join Mathematician David M. Schwartz and acclaimed illustrator Steven Kellogg as they dare to explore **really big** numbers!

Question for discussion: What is something new that you learned?



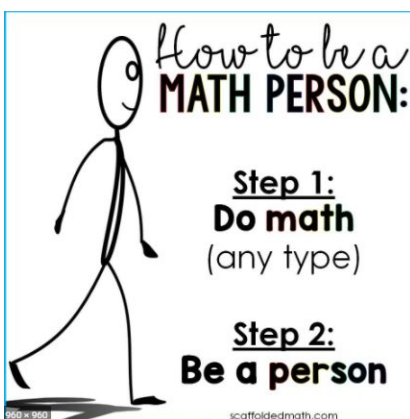
Big & Small



Find something that is half your height.	Find something that is two times your height.	Find something that is around 5 mm.	Find something that is exactly 1 metre.
Find something that is exactly 1cm.	Find something that is about 1km long.	Find something that is about 1kg.	Find something that is about 100kg.
Find something that is about 500 grams.	Find something that is as long as a school bus.	Find something that is about the same area as your body.	Find the smallest thing possible.

Go on a scavenger hunt around your house for big and small things. See if you can find all of the things in the chart. You can click on the chart and print a copy if you have a printer. *No measuring tools allowed!*

Have fun!



Really BIG Problems

Grade 4 -

About how many dimes would it take to fill an empty mayonnaise jar?



Grade 5 -

About how many golf balls would it take to fill your bathtub?



Grade 6 -

About how many times would you blink your eyes in a year?]



Solve the "Really Big Problem" for your grade on paper. Be sure to show your work and be prepared to explain your thinking when you are with your classmates!

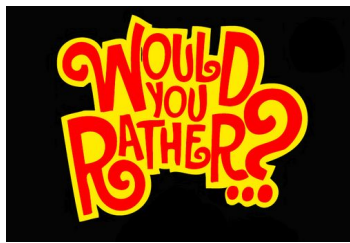
Round & Round

Today we will be exploring all things round!



Asynchronous Learning Tasks

Grade 4
Grade 5
Grade 6



Would You Rather Writing

A 'Would You Rather' question is a great way to think critically about two different options for you to choose from. Read through each option and decide on one you would like to answer.

Would you rather...

1. play soccer or golf with a giant ball?
2. be only able to use a fork or a spoon?
3. have a pet rat or snake?

Préfères-tu...

1. jouer au soccer ou golf avec une grande balle?
2. manger avec seulement une fourchette ou une cuillère?
3. avoir un rat ou un serpent?

Writing Checklist

- Begin with a topic sentence (I would rather/Je préfère...)
- Include 2-3 sentences to support your answer
- Write a conclusion
- Check for capitals, periods, punctuation, and spelling



The Sharing Circle – Stories about First Nations Culture by Theresa Meuse

Through the use of seven brief stories about a young First Nation boy and his family, the author introduces information about the Eagle Feather; Sweetgrass, Sage, Cedar, and Tobacco; Medicine Pouch; Dreamcatcher; The Talking Circle; The Medicine Wheel; and the Drum. Enjoy the story, The Eagle Feather.

Question for discussion: What is something new that you learned?



#MathArtChallenge



James Brunt artist
@RFJamesUK

The *Math Art Challenge* was created during online learning in the spring. It became a trending topic in the virtual education world! Many DSBN students participated in this popular challenge. You can check out many examples on Twitter by following the hashtag "#mathartchallenge". James Brunt is an artist who takes loose parts and arranges them into perfect circles, creating beautiful works of art, as you can see in the picture to the left.

Use James Brunt's work as inspiration, find loose parts or similar found objects from around your house to create your own circle art! Take a photo and you may have a chance to share with your class in the coming days.

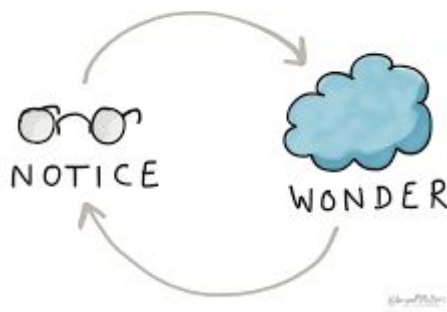


Some students may have access to Dreambox from last year. If you are one of those students, login and complete some lessons! *If you don't have access, don't worry... [give this a try!](#)



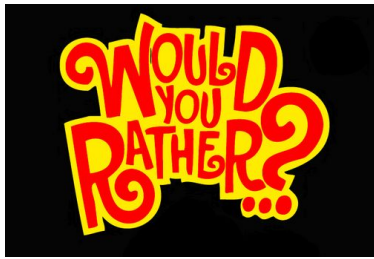
Notice & Wonder

Today we will be looking closely and thinking deeply



Asynchronous Learning Tasks

Grade 4
Grade 5
Grade 6



Would You Rather Writing

A 'Would You Rather' question is a great way to think critically about two different options for you to choose from. Read through each option and decide on one you would like to answer.

Would you rather...

1. do school work in a group or by yourself?
2. create a new sport or holiday?
3. meet your favourite celebrity or be on TV?

Préfères-tu...

1. travailler en groupe ou toute seule?
2. créer un nouveau sport ou une nouvelle vacances?
3. rencontrer une grande vedette ou être dans une émission de télévision?

Writing Checklist

- Begin with a topic sentence (I would rather/Je préfère...)
- Include 2-3 sentences to support your answer
- Write a conclusion
- Check for capitals, periods, punctuation, and spelling



Curiosity - The Story of a Mars Rover by Markus Motum

How did *Curiosity* get her name? What tools does she use to carry out her tasks? In her own voice, the popular NASA rover tells how and why she traveled more than 350,000,000 miles to explore a planet no human has ever visited . . . and what she's been doing there.

Question for discussion: What is something new that you learned?

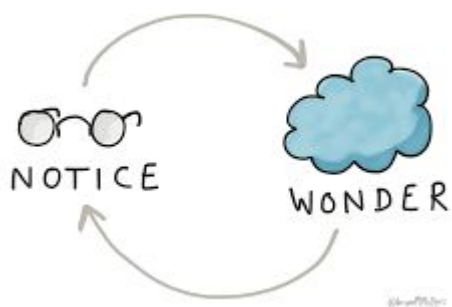
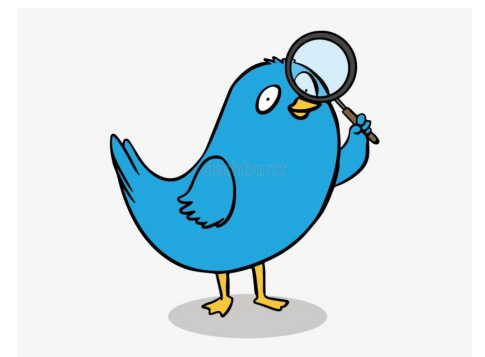


Go for a Math Walk!

Go for a walk around your neighbourhood with an adult (or around your backyard if by yourself) and look for math all around you! Pay attention to things in nature, architecture and what's in the sky and on the ground!

Some examples include:

- Find a pattern
- An example of symmetry/reflection
- A large collection of things - estimate how many
- A structure that is 2x your height/5x your height



Discussion prompts:

Which pattern do you like the most? Why?

Which pattern would be the easiest to describe? The most challenging?

Create your own clothing pattern (on tech or with pencil crayons)

Reference -

<https://www.ivyandpearlboutique.com/fashion-and-news/fashion-school/fabric-and-textile-pattern-encyclopedia-complete-pattern-dictionary-illustrating-the-various-types-of-patterns-used-in-fabric-textile-and-clothing-design/>