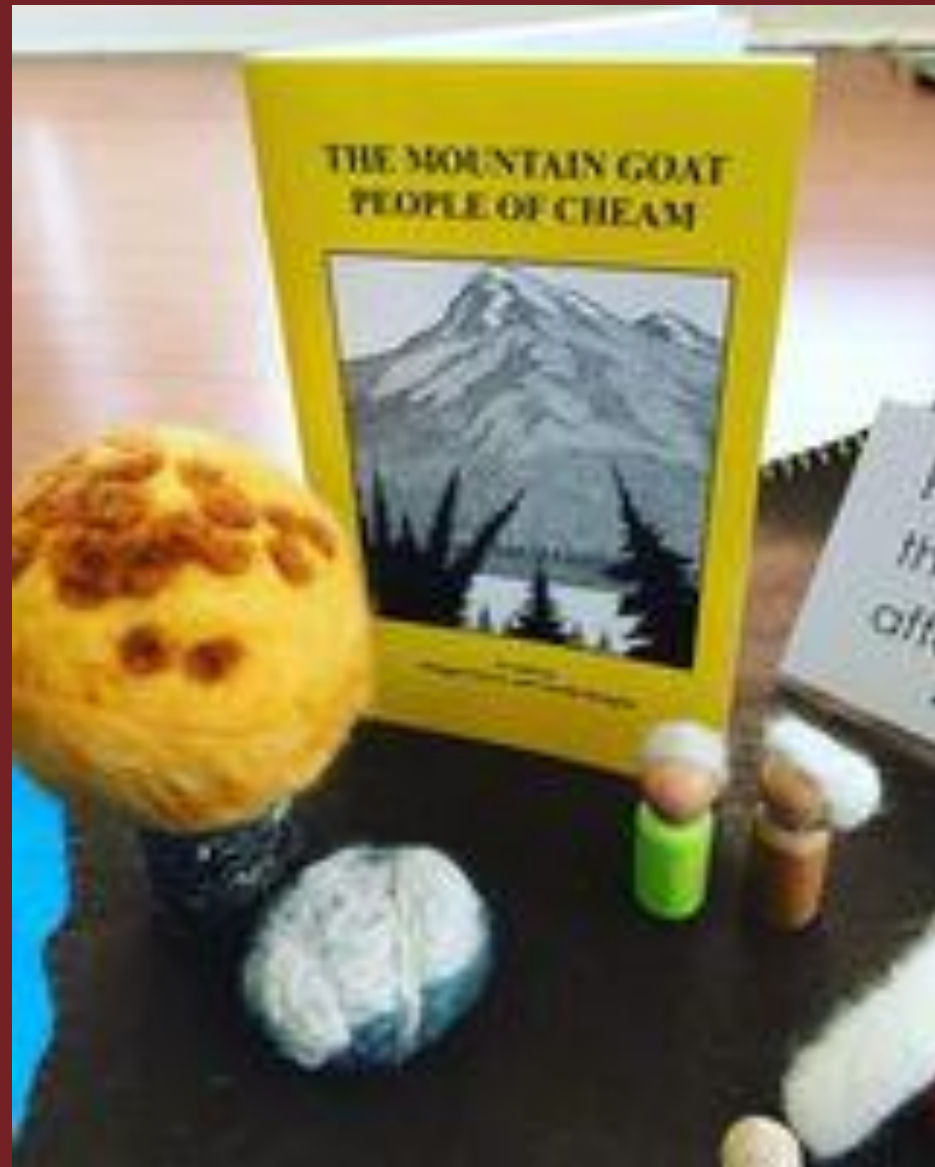




SURREY SCHOOLS  
OPENING THE BASKET  
STO:LO SITEL  
CURRICULUM

*Jessica Kyle - Numeracy Helping Teacher*  
*Julia Thompson - Métis Artist and Educator*  
*Allison Hotti - Indigenous Helping Teacher*







How do patterns  
the landscape  
affect living

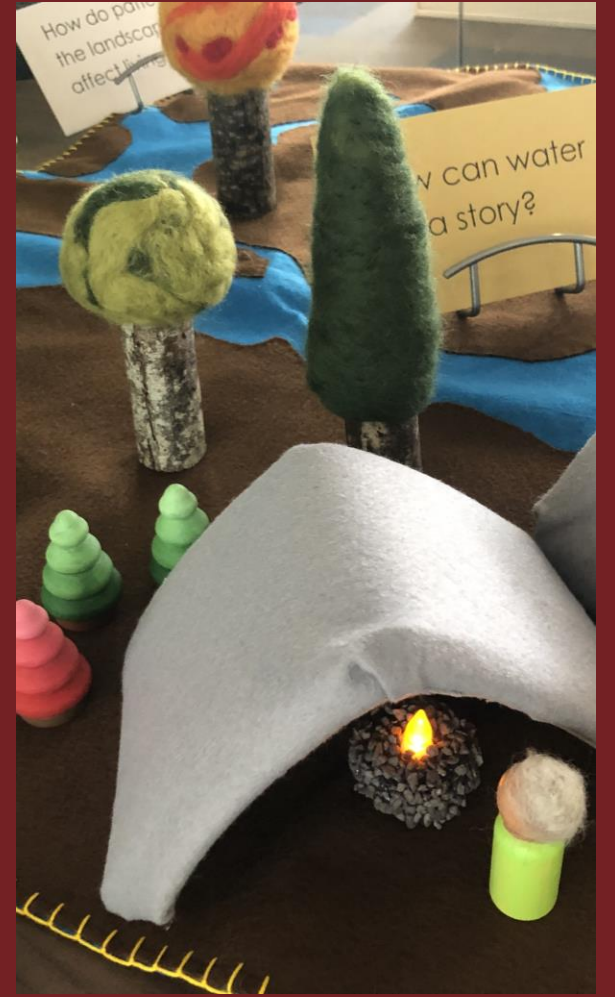
How can water  
tell a story?

# TRANSFORMING





# FIREPIT







UNWRAPPING  
OUR KITS  
IT FELT LIKE  
CHRISTMAS





Do you see a connection between identity and belonging?

Describe your place in your family, community or school.

Were you able to listen to ideas other than your own?

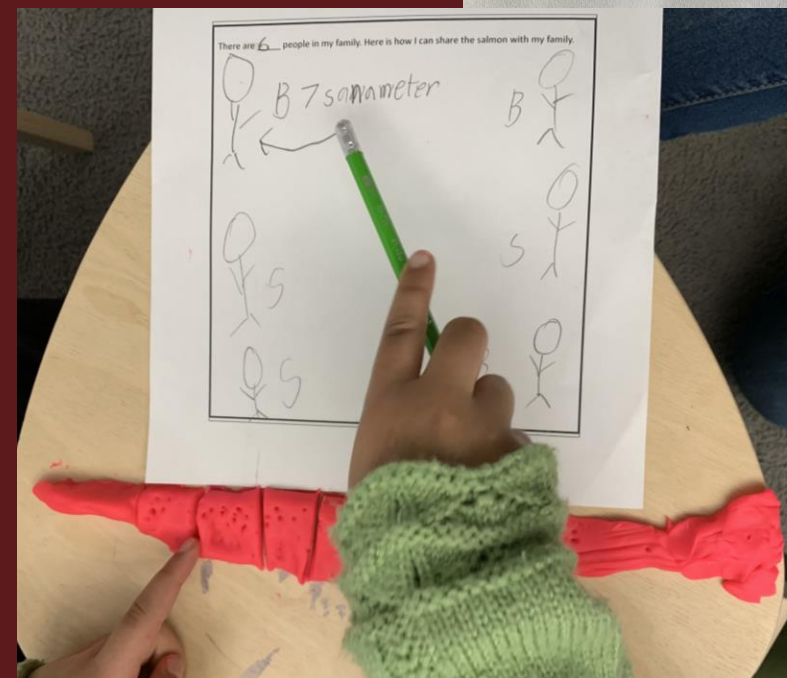
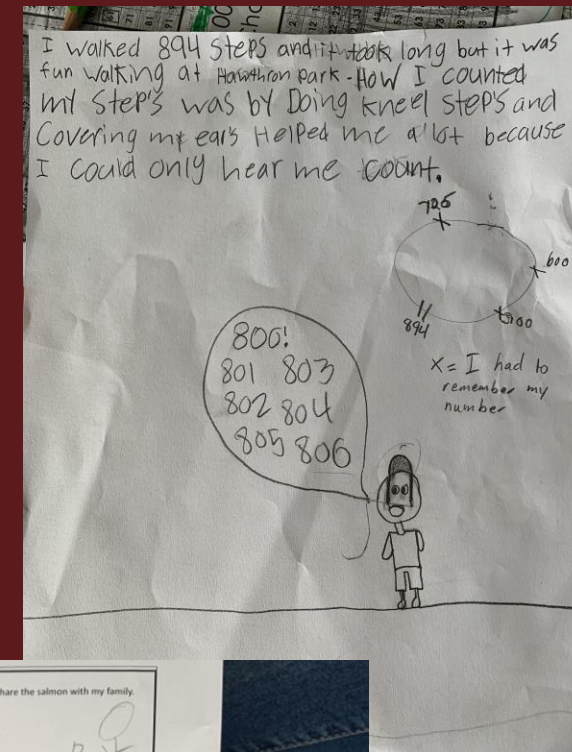
Describe your own relationship to place.

Where is your heart happiest?

Were all of the voices in your group heard?

INQUIRY  
QUESTIONS

# MATH CONNECTIONS





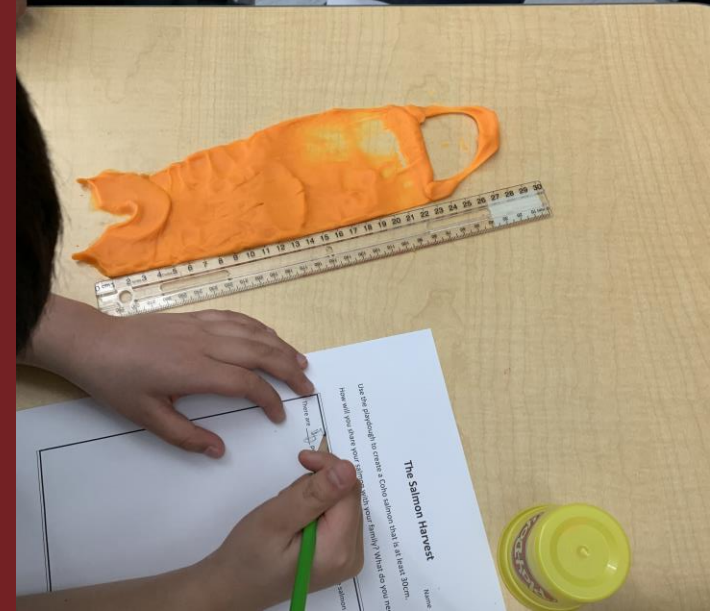
# THE SALMON HARVEST LORA SARCHET (GR.1/2)

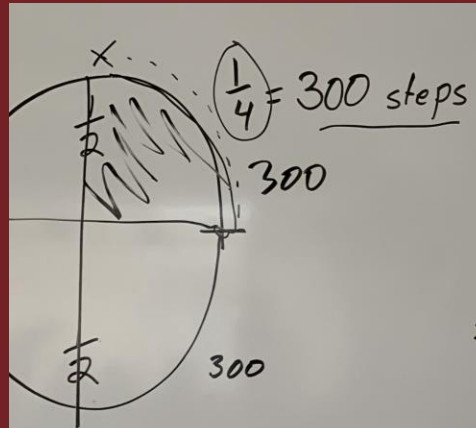


EACH FAMILY HAS RECEIVED THEIR FISH FROM THE COMMUNITY NET.

## HOW WILL YOUR FISH BE DIVIDED?

- MEASUREMENT (CONTENT)
- PROBLEM SOLVING (MATHEMATICAL COMPETENCIES):
  - DECISION-MAKING
  - REASONING
  - COMMUNICATION
  - JUSTIFICATION
  - SEMIAHMOO & STO:LO PROTOCOLS





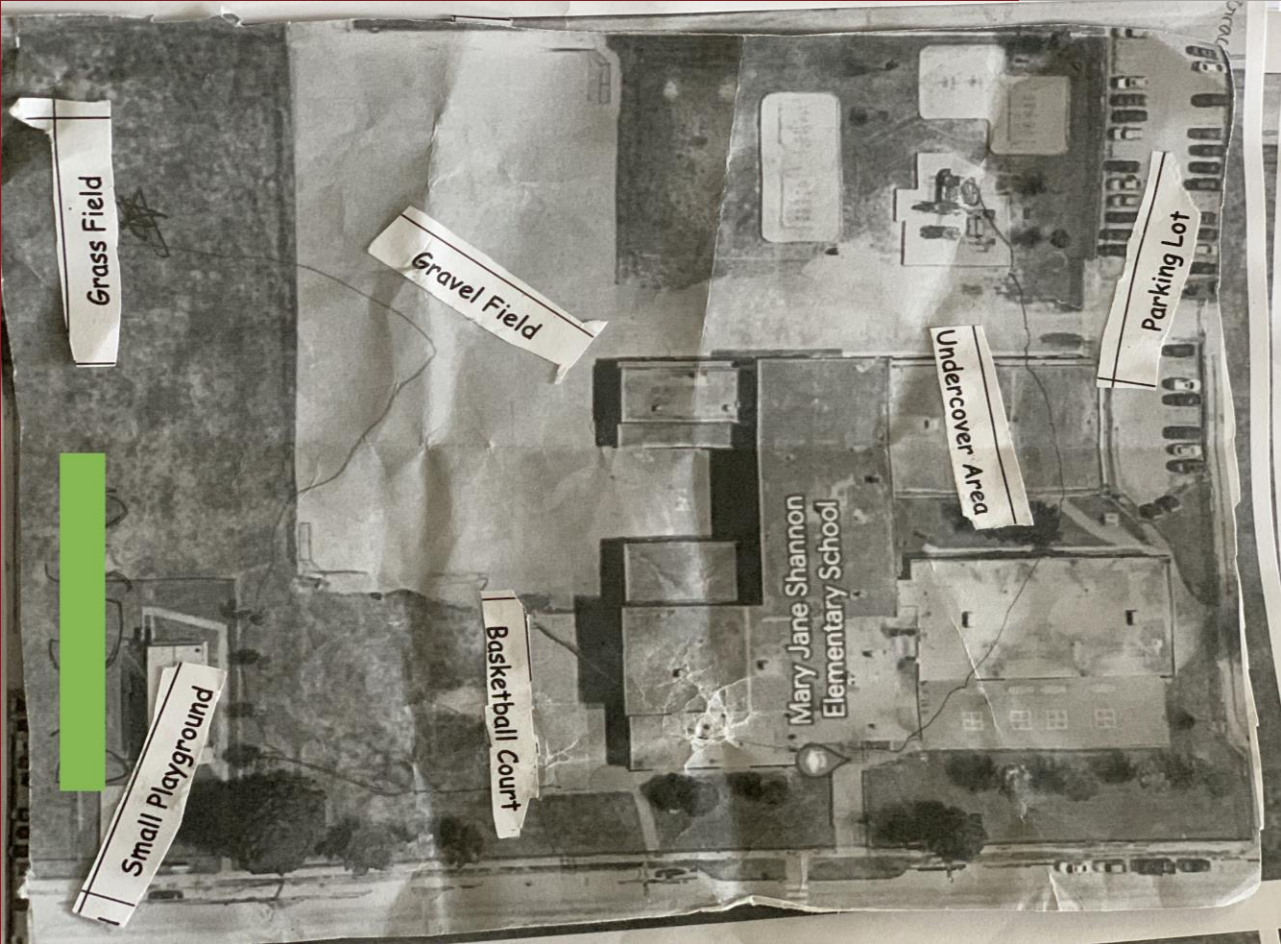
$$300 + 300 + 300 + 300 = 1200$$

$$\begin{array}{r} 300 \\ \times 4 \\ \hline 1200 \end{array}$$

I counted 300 steps  
 in  $\frac{1}{4}$  of the trail. I walked  
 the other  $\frac{3}{4}$   
 rest of the trail. I knew that  
 I walked 1200 steps because there  
 are 4  $\frac{1}{4}$ s in a whole.



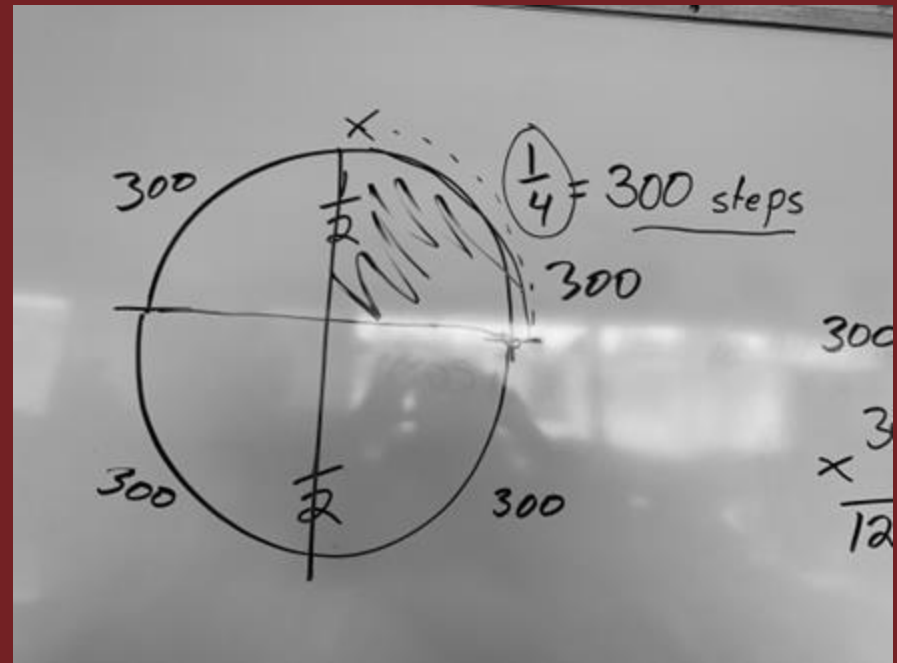
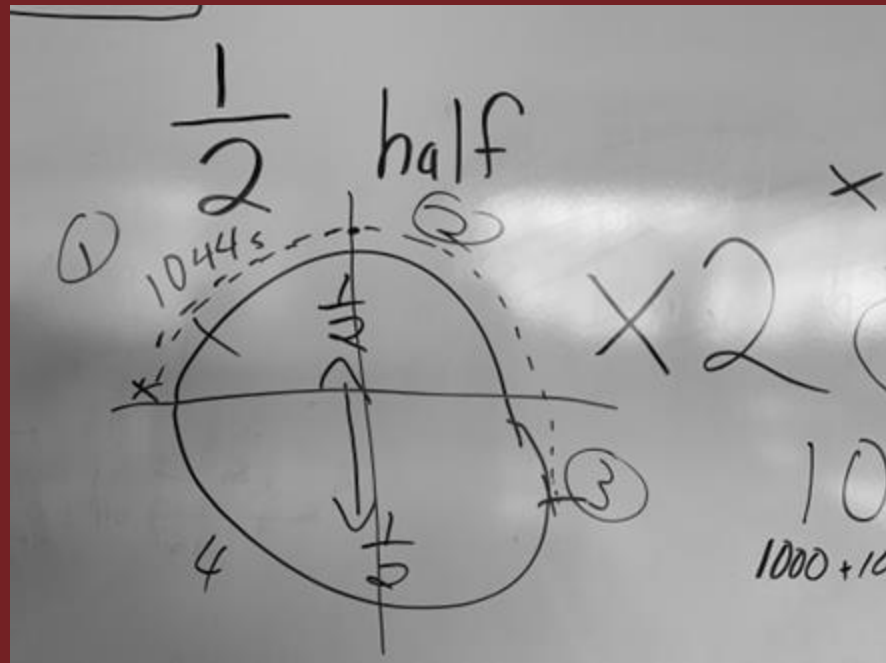
quarter  
 $\frac{1}{4}$



# MAPPING & MEASURING

## SHELLI ROESLER

### GR. 3/4

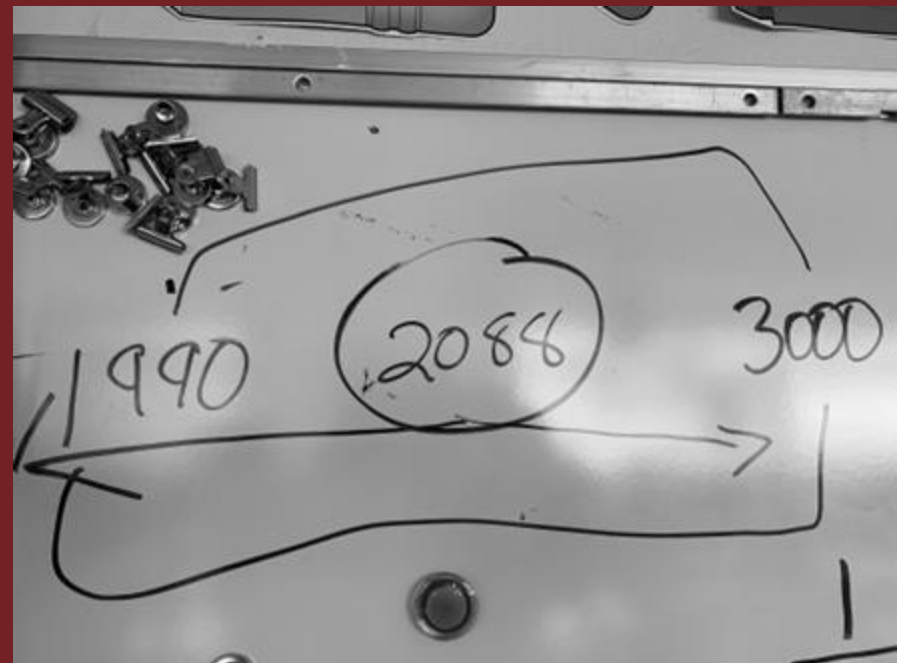


300 + 300 + 300 + 300 = 1200

$\begin{array}{r} 300 \\ \times 4 \\ \hline 1200 \end{array}$

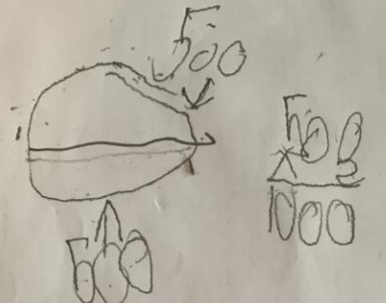
I counted 300 steps in  $\frac{1}{4}$  of the trails. I walked the other  $\frac{3}{4}$  rest of the trail. I knew that I walked 1200 steps because there are 4  $\frac{1}{4}$ s in a whole.

Trail



# WHAT MATH STORIES LIVE HERE?

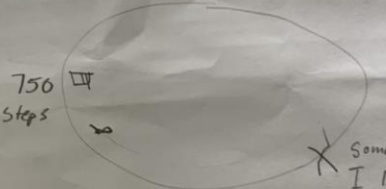
- COUNTING
- ESTIMATION
- FRACTIONS
- COMPUTATION
- RELATIONSHIPS
- REPRESENTATION



I walked 500 in <sup>steps</sup> ~~1/2~~ I walked 1000 in all! because  $500 + 500 = 1000$ .

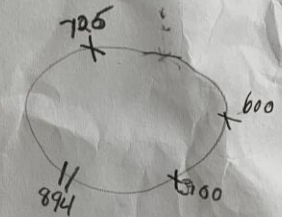
$500 + 500 = 1000$

walked 750 steps



Someone was counting loudly I lost my count. A friend helped me to remember.

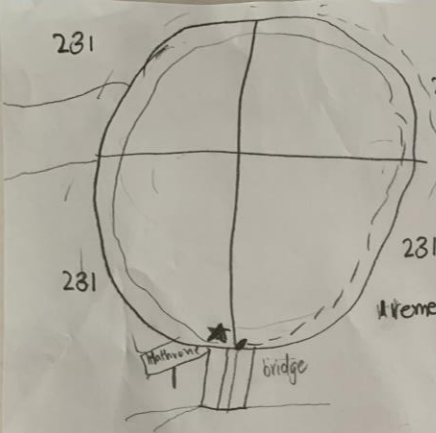
I walked 894 steps and it took long but it was fun walking at Hawthorn park. How I counted my steps was by doing knee steps and covering my ears helped me a lot because I could only hear me count.



800!  
801 803  
802 804  
805 806

X = I had to remember my number

I walked 925 steps total.



231 + 231 + 231 + 231 and the remainder  
The total is 925.

Actually I need to multiply 925 with 5 in the place of four.

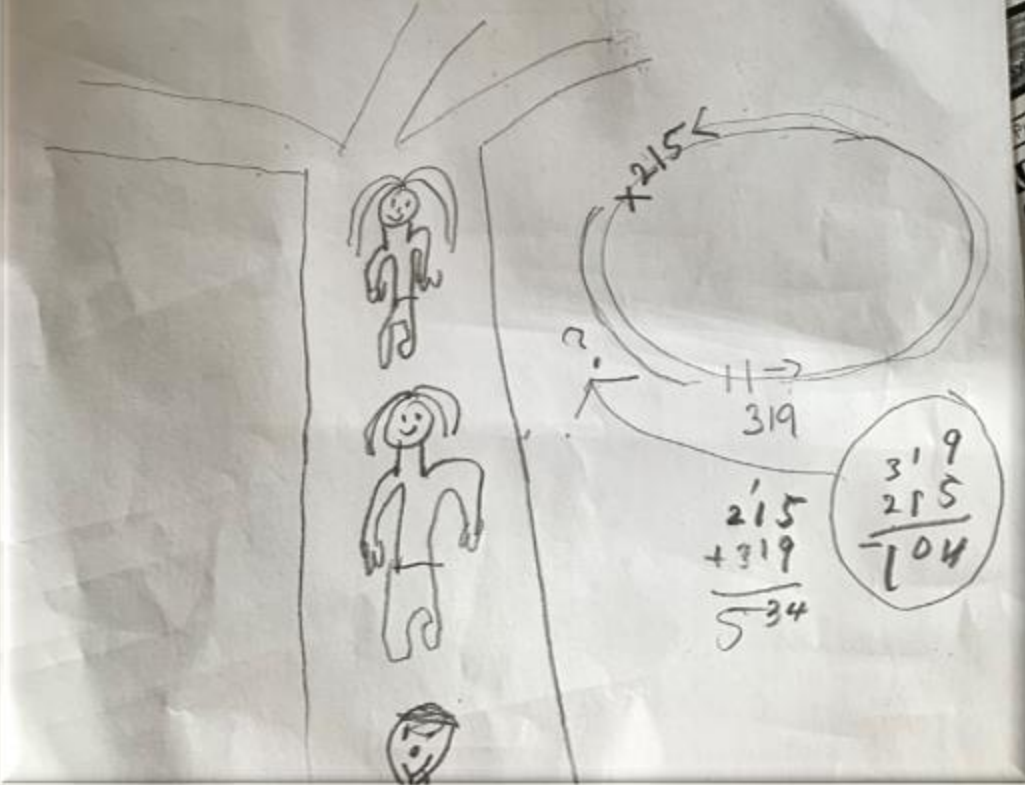
$4 \overline{) 925}$   
8  
12  
12  
05  
4  
Remainder

$\begin{array}{r} 231 \\ \times 4 \\ \hline 924 \end{array}$   $924 + 1 = 925$

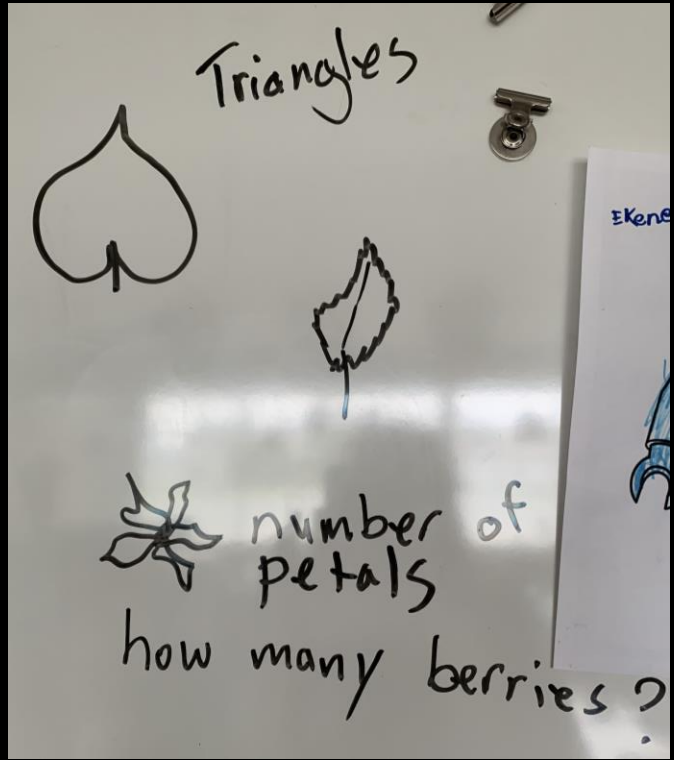
We started eating the I stopped and I saw a squirrel. Then, I counted 215 the we went left and heard sounds left then, we saw our class. I reviewed my counting and it was... 319. Then, I released the Hawthorne part went around it.



We started eating the I stopped and I saw a squirrel. Then, I counted 215 the we went left and heard sounds left then, we saw our class. I reviewed my counting and it was... 319. Then, I released the Hawthorne part went around it.



**AUTHENTIC CONTEXTS MAKE A DIFFERENCE TO STUDENT ENGAGEMENT**





# INDIGENOUS STORYWORK

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How the Coho  
got his Hooked  
Nose.

Based on story told by Teresa Mzhel