

11/28

Erosion Investigation

#7

Agenda

- Discuss uncontrolled variables
- Gather class data
- Begin the write up

Make a T chart:
consider the uncontrolled variables.



Exit goal

Finish typing up the investigation to diagram

uncontrolled variable

How might this impact the data?

- amount of shave
- how you shave the jar.
- opening the jar
- losing sediment on the scale

- might make more sediment
- affect the sediment.
- lose sediment
- Data inaccurate.

look closely

Learning Target:

I can gather evidence to decide if my data was valid and reliable.

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Exit goal

Finish typing up the investigation to diagram

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uncontrolled variable

How might this impact the data?

- people who shake
- sediment on jar
- sediment on scale
- steady pace
- weight of rocks

- making more sediment
- extra mass
- weathering not consistent
- amount of sediment

look closely

Learning

Target:

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uncontrolled variable

How might this impact the data?

- Shaking method.
- Different force of shaking.
- How often people change
- Left over sediment in the dish.

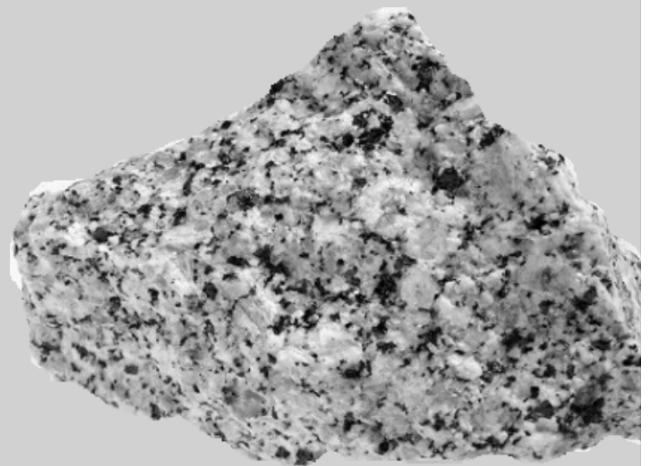
- affect sediment mass
- " " "
- Sediment mass.
- Reduces the increase → mass data inaccurate

look closely

Learning Target:

I can gather evidence to decide if my data was valid and reliable.

Class average data



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et I can gather evidence to decide if my data was valid and reliable.

In the lab:

1. Open a word document
2. title the document 'erosion investigation'.
3. save the document in the science folder
4. begin your write up.

12 point font
no spacing
ariel
times new roman
calibri

I expect you to type:

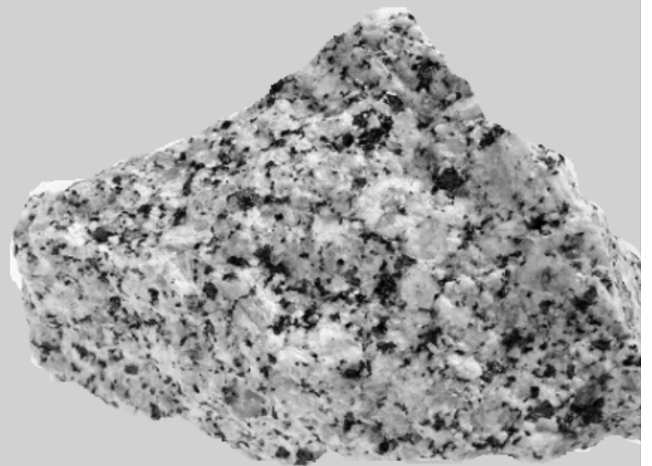
Question

Hypothesis

Variables

Materials

Procedures.



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et I can gather evidence to decide if my data was valid and reliable.