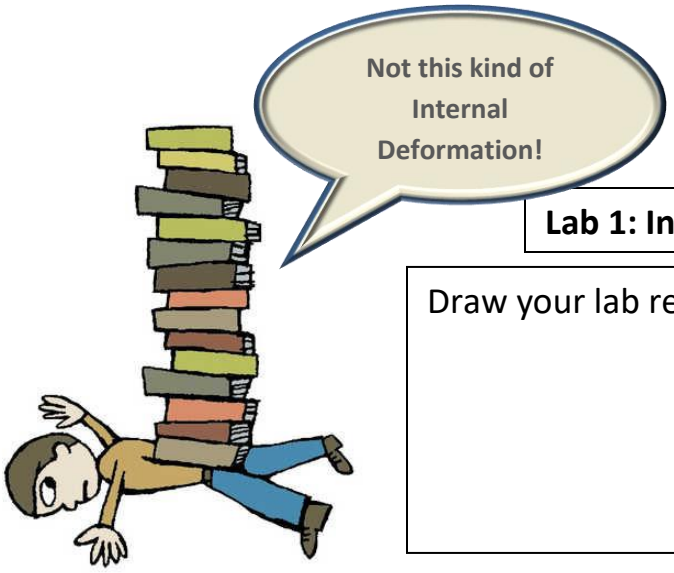


Lab 1: Internal Deformation

Draw your lab results.

Documentation:

How was this lab like the internal deformation within a glacier? _____

_____

_____.

What-if Section:

Try a 'what-if' question by changing the lab. Create a hypothesis. Try your new idea and then report the results.

My What-if Question

What-if I _____

_____

_____

_____

_____

_____

_____

_____

My Hypothesis

I think this will happen: _____

_____

_____

_____

_____

_____

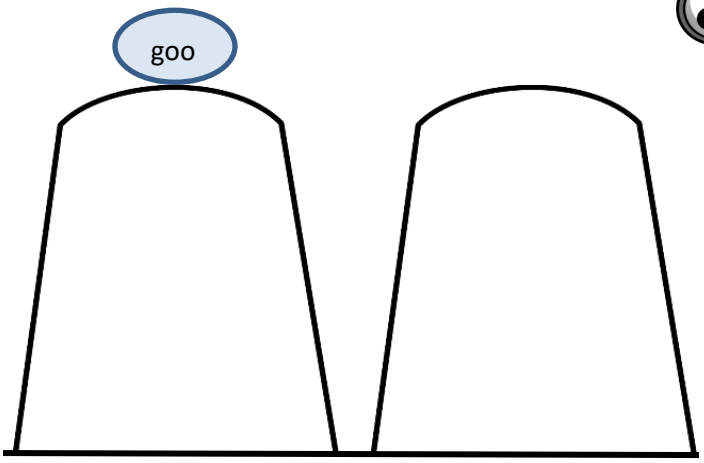
_____

_____

Was your hypothesis correct? **YES** **NO**

If it wasn't, what could you change?

Lab 2: How do Glaciers Flow?



OBSERVE AND WAIT!

THEN, ON THE SECOND CUP, DRAW WHAT THE GOO LOOKS LIKE.

It is amazing what gravity and weight can do together!

Lab 3: Calving Glacier Goo

Take the goo in both hands and pull it apart as fast as possible.

Find adjectives to describe the edges of the goo where they pulled apart.

1._____ 2._____ 3._____

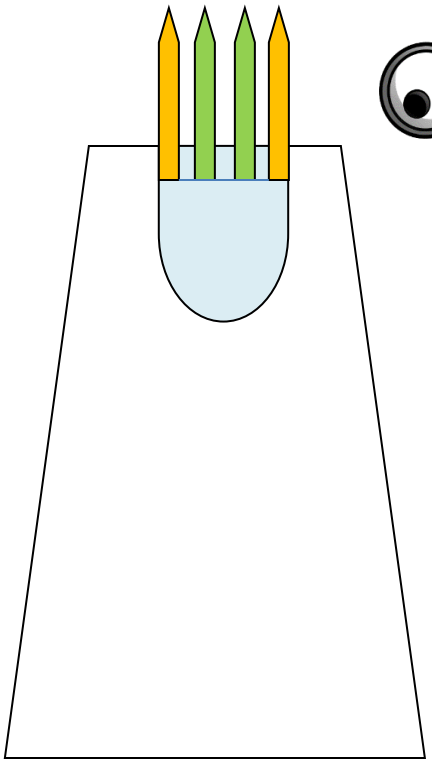
Draw a glacier and name it.

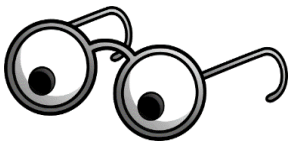
Lab 4: Do Glaciers Flow Evenly?

READY

SET

GO!





NOW

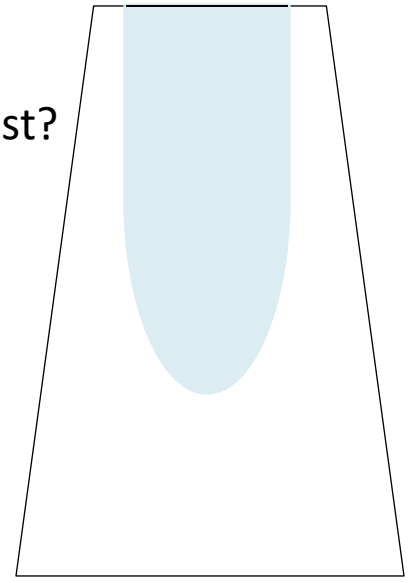
WAIT and

OBSERVE!

Until you feel like you are sure which color won!

The winners! Draw your markers in their final positions.

Circle which part of the glacier moved the fastest?



?

WHY

The Center

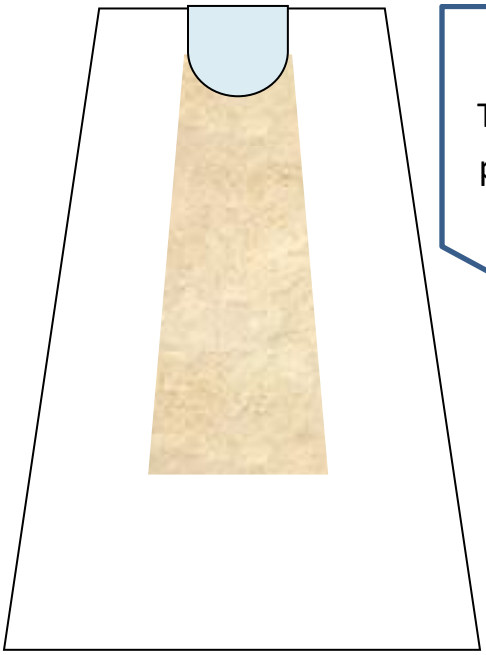
or

The Edges

HINT: The part that oozed the fastest was also the heaviest, with the most mass. Gravity helped too!

Lab 5: Glacier Race!

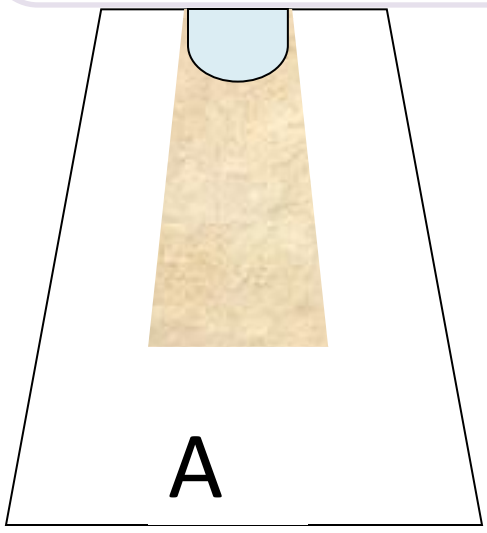
Place equal amounts of goo on each incline. Guess what's next…

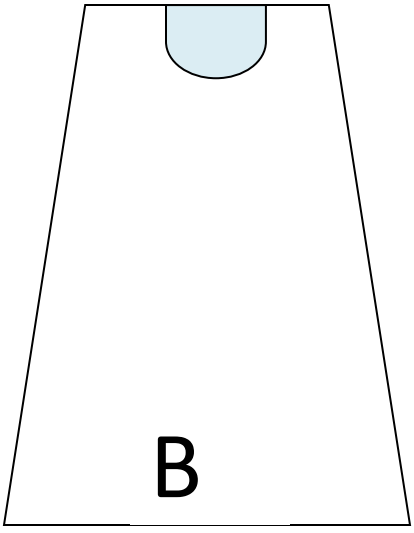


Racers! Take your positions, please!

Waiting is hard! Draw the results below. You will need to redraw the goo shapes. Which side won?

A or B





Which side won? A or B (Circle one) Think like a scientist, why do you think __ won?

Email me the results? shareyoursciencelabreports@gmail.com