

Magnetic Slime Challenge

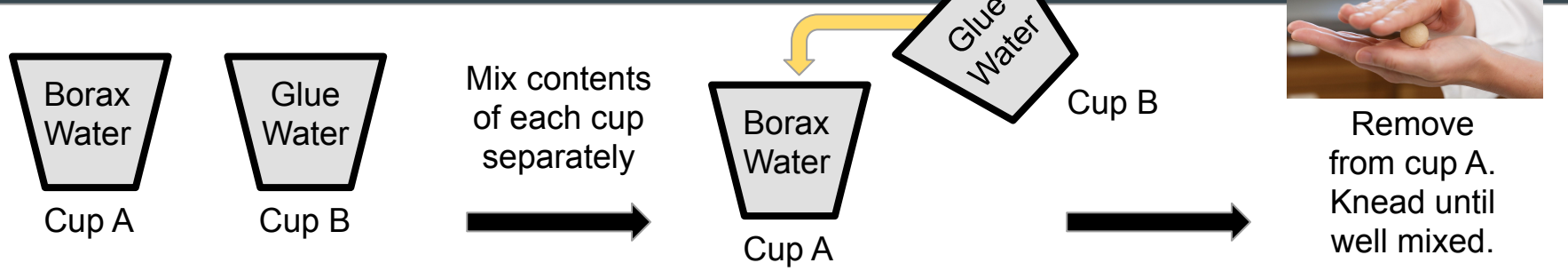
Find the % Fe that makes slime climb the highest

15 minutes

Only use supplies in container and tap water

Wear goggles and do not touch chemicals (use gloves, spoons)

Be able to communicate the recipe and % Fe used



Magnetic Slime Challenge

Find the % Fe that makes slime climb the highest

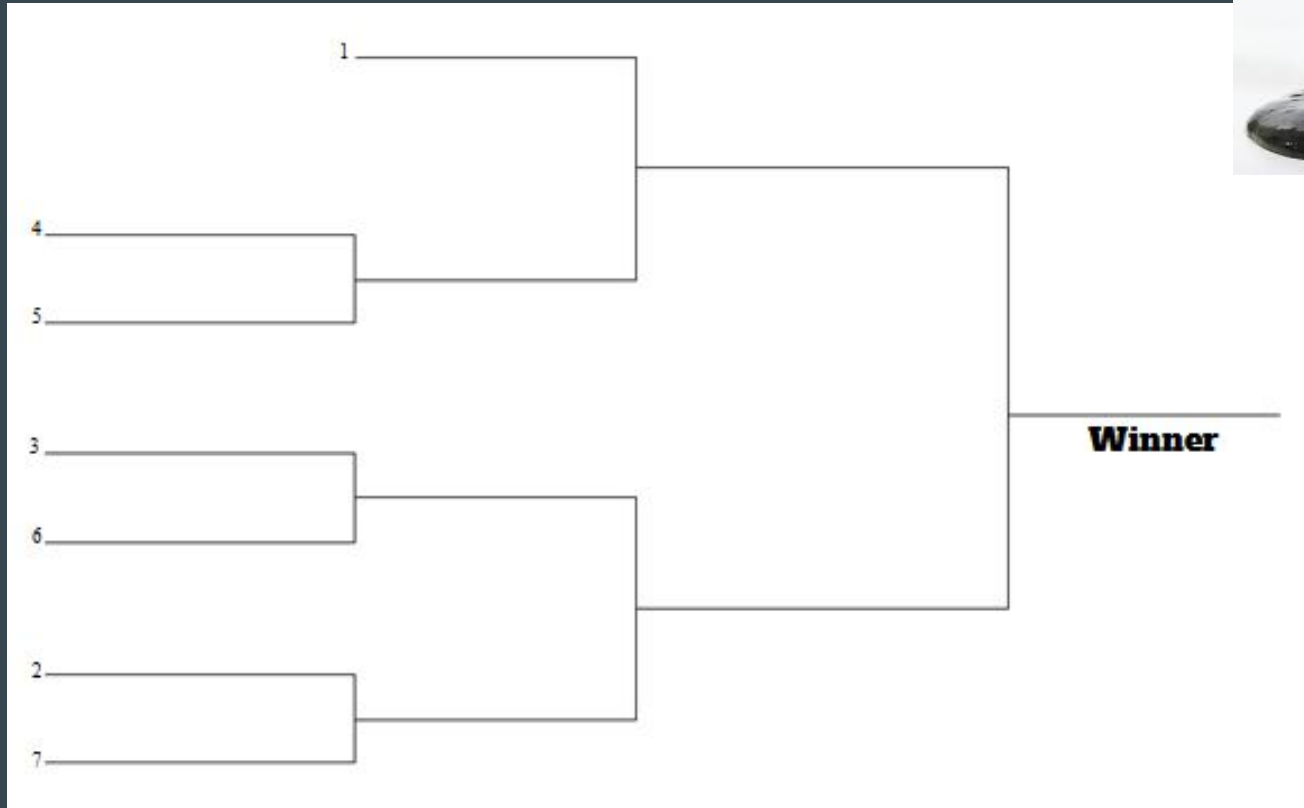


$$\frac{\text{Mass of Fe}}{\text{Mass of slime sample}} = \% \text{ Fe}$$

Fe stains! Do not touch - Wear gloves and goggles!
Keep a piece of paper between the magnet and slime

Write your work and % Fe answer on a large whiteboard
to present to the class during the Class Tournament

Class Magnetic Slime Tourney



Magnetic Slime Challenge

Reflect on the challenge

What did your group excel at?

“Shout Out”

What did your group struggle with?


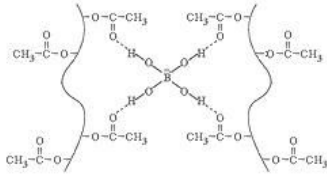
Next time...

Record on a large whiteboard and present to class

Class Norms

No one left behind
Focused Discussion
Teamwork

Chemical Information

Chemical	Purpose	Drawing
Glue	Polymer (long chain of bonded carbons with repeating parts)	
Borax	Cross-linker (links polymer chains together)	
Fe₃O₄	Magnetic	