

Age Group: K-8
Child/Adult Ratio: 6 to 1
Take Away Artifact: Yes
Approximate Time: 30 mins
Divisions Covered: All

Questions to ask:

What state of matter is slime?

Precautions:

Avoid getting sand in eyes

Materials:

Per two students: ½ cup sand (colored craft sand) ½ tsp baking soda, ⅓ cup clear glue, ¼ cup warm water, 1 and ½ contact solution, paper bowl, stir stick measuring cups and spoons, Sandwich bag and sharpie for storage.

Skills Required for Completion of Task:

Motor skills

- Bilateral upper extremity coordination
- Ability to manipulate small objects
- Hand-eye coordination
- Ability to grip objects
- Ability to stabilize objects/tasks

Process/Cognitive skills

- Ability to attend to a task for greater than 5 minutes
- Follow multi-step directions
- Ability to sequence steps
- Ability to organize or keep materials organized for a task
- Ability to adjust to different workspace requirements

Social skills

- Ability to communicate and share equipment with peers/staff appropriately

K-8 Standards:

5.PS1: Matter and Its Interactions 1) Analyze and interpret data from observations and measurements of the physical properties of matter to explain phase changes between a solid, liquid, or gas. 4) Evaluate the results of an experiment to determine whether the mixing of two or more substances result in a change of properties

Simple Science:

Slime is considered to be a non-newtonian fluid (not a solid, liquid, or gas).

STEAM Lessons

Sand Slime



Instructions:

$\frac{1}{2}$ cup sand, $\frac{1}{2}$ tsp baking soda, $\frac{1}{3}$ cup clear glue, $\frac{1}{4}$ cup warm water, 1 and $\frac{1}{2}$ contact solution:
Measure the ingredients in order into a paper bowl and stir with a stick until it reaches a slime consistency. Divide the slime with your partner and place it in a baggie for storage.