



WHAT'S THE MATTER?

2nd Grade

DESCRIPTION

Students will examine the states of matter. "Chilling" demonstrations using liquid nitrogen allow students to experience condensation and evaporation. They will find out how molecules behave when matter changes from state to state and will take part in a tasty experiment while changing a liquid to a solid. Program will run for 2 hours.

30 MINUTES – INTRODUCTION IN THEATER

- Introduce three states of matter
- Introduce concepts of condensation, evaporation, melting, freezing
- Liquid nitrogen demonstration

30 MINUTES - LAB

- Experience matter changing from liquid to solid/freezing experiment

30 MINUTES - STORE AND TREE ACTIVITY

- State of Matter "mad lib"

30 MINUTES - GALLERY TIME

- Visit and explore the Collins Family My Big Backyard gallery while looking for items that are solid, liquid, or gas

TAKE HOME ITEM

- Bubbles

REVISED 07.23.21

GEORGIA STANDARDS OF EXCELLENCE:
S2P1a, c