



WHAT'S THE MATTER?

2nd Grade

DESCRIPTION

Second graders will examine the states of matter. "Chilling" demonstrations using liquid nitrogen allow students to experience condensation and evaporation. Students 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. Time will be given for exploration of the Collins Family My Big Backyard gallery. Program will run for two hours.

30 MINUTES – INTRO IN THEATER - ALL STUDENTS

- 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 - GALLERY TIME

- Introduce the Collins Family My Big Backyard gallery
- Encourage students to look for items that are solid, liquid, or gas
- Give time to explore the gallery

30 MINUTES - STORE AND TREE ACTIVITY

- States of Matter "mad lib"
- The Freezing Song

TAKE HOME ITEMS

- Bubbles