



Changes: Teacher Tips & Helpful Hints

N.C.S.S: 2.P.2 Understand properties of solids and liquids and the changes they undergo.

- The Student Activity Pack is broken up into three different activities:
 - **Activity 1: How Much Will It Hold?** (2.P.2.2 & 2.P.2.3)
 - **Activity 2: Solids and Liquids** (2.P.2.1)
 - **Activity 3: Changes of Water** (2.P.2.2 & 2.P.2.3)

Getting Started

- The larger part of the petri dish is the lid and should be labeled D.
- The containers and cup will be used in all activities.
- Water is used in every activity.

Activity 1: How Much Will It Hold?

- There is a *How Much Will It Hold: Student Activity Sheet* available.
- There is a *How Much Will It Hold: Google Slides* available for literacy integration.

Activity 2: Solids and Liquids

- There is a *Solids and Liquids: Student Activity Sheet* available.
- There is a *Solids and Liquids: Google Slides* available for literacy integration.

Activity 3: Changes of Water

- Collect students tubes to place in the freezer. You may need a flat surface if your freezer has ridges.
- There is a *Changes of Water: Student Activity Sheet* available.
- There is a *Changes of Water: Google Slides* available for literacy integration.

N.C.S.S Clarifying Objectives

2.P.2.1 Give examples of matter that change from a solid to a liquid and from a liquid to a solid by heating and cooling.

2.P.2.2 Compare the amount (volume and weight) of water in a container before and after freezing

2.P.2.3 Compare what happens to water left in an open container over time as to water left in a closed container.