

Snow Day for Mrs. Wallace's Class

January 12, 2017

Reading: Login to www.raz-kids.com and complete the assignment. Listen, read, and take the quiz for the book "Coral Reefs" (2nd grade) or "Exploring Tide Pools" (3rd grade)

Spelling: Visit <https://www.spellingcity.com/> and **login to your student account to complete the assigned game**, SpeedySpeller.

Your username and password for Spelling City is:

Username: first.lastname

Password: lastname

Math:

· 2nd Grade: Go to <http://www.multiplication.com/games/play/knock-down-addition> and play the game for 15 minutes.

· 3rd Grade: Go to <http://www.multiplication.com/games/play/grand-prix> and play the game for 15 minutes.

Science:

Go to the following website, view the video, conduct the experiment and answer questions in complete sentences.

<https://www.youtube.com/watch?v=tuE1LePDZ4Y&feature=youtu.be>

Materials

2 cups (same size)

Snow

Markers

Problem: How much liquid is in 1 cup of snow?

Background information: Snow is actually tiny pieces of frozen water and is therefore a solid. Snow can change from a solid to a liquid by melting.

Process:

1. Fill 1 cup lightly with snow. Fill the 2nd cup with packed snow.
2. How much liquid do you think will be in each cup once the snow melts? Mark the outside of each cup with your prediction.
3. Draw a picture of the cups in the first section on the recording sheet.
4. Wait for the snow to melt or melt the snow using a heat source (e.g. microwave).
5. Mark the cup to show the water level. Compare your prediction with the actual results and record the results on your recording sheet in the middle section.

Explanation: Snow is mostly a combination of snowflakes and air. The amount of air that snow contains affects the amount of space it takes up or its volume. When snow melts, the trapped air is released. Therefore, the volume of snow is greater than the volume of the liquid water it forms when melted.

6. Using complete sentences, write a conclusion (what you learned) in the final section of the recording sheet.
7. Email or text Mrs. Wallace a picture of you conducting your experiment. ally@rgsda.org, (909) 649-4135

Name _____

How much liquid is in snow?

How much liquid will be in the cup of snow?

The Results

Conclusion: What did you learn?