

Life Cycle of a Snowman

Read the story The Snowman

<https://www.youtube.com/watch?v=AjMNtEKHURU>



1. Watch the following video on the water cycle:

<https://www.youtube.com/watch?v=7fkR9foB0cU> Bill Nye---The Water Cycle

2. After watching the video, students will research the ratio of water to snow.

STANDARDS:

Science: 3-PS2-2. 3-PS2-3.

Math: CCSS.MATH.CONTENT.3.MD.A.1 CCSS.MATH.CONTENT.3.MD.A.2 CCSS.MATH.CONTENT.3.MD.B.4

Reading: CCSS.ELA-LITERACY.RL.3.1 CCSS.ELA-LITERACY.RL.3.2 CCSS.ELA-LITERACY.RL.3.7

Materials List

Choose your materials from the list below.
You only have \$10.00 to spend.

- Straws \$2.00 each
- Toothpicks \$1.00 each
- String \$3.00
- Buttons 5 for \$3.00
- Cupcake liner \$2.00
- Paper \$1.00
- Beads 2 for \$2.00
- Noodles \$2.00

Show your work below.



Directions: Go outside and build a snowman no more than 12 in. tall. Bring it inside and place it in a container to hold the water. Use any available items at home to make it look like a snowman. Answer the following questions.

Measure the height of your snowman.

Measure the amount of water
your snowman left behind.

Research the ratio to snow to
rain and record:

Describe some ways we could
keep our snowmen longer.

Record the time you completed
your snowman.

Prediction: How long do you think
it will take for your snowman to
melt?

Record the actual time it melted.

Create a T-Chart and figure the elapsed time of your start time and end time from above.

Describe some ways we could speed up the melt time.