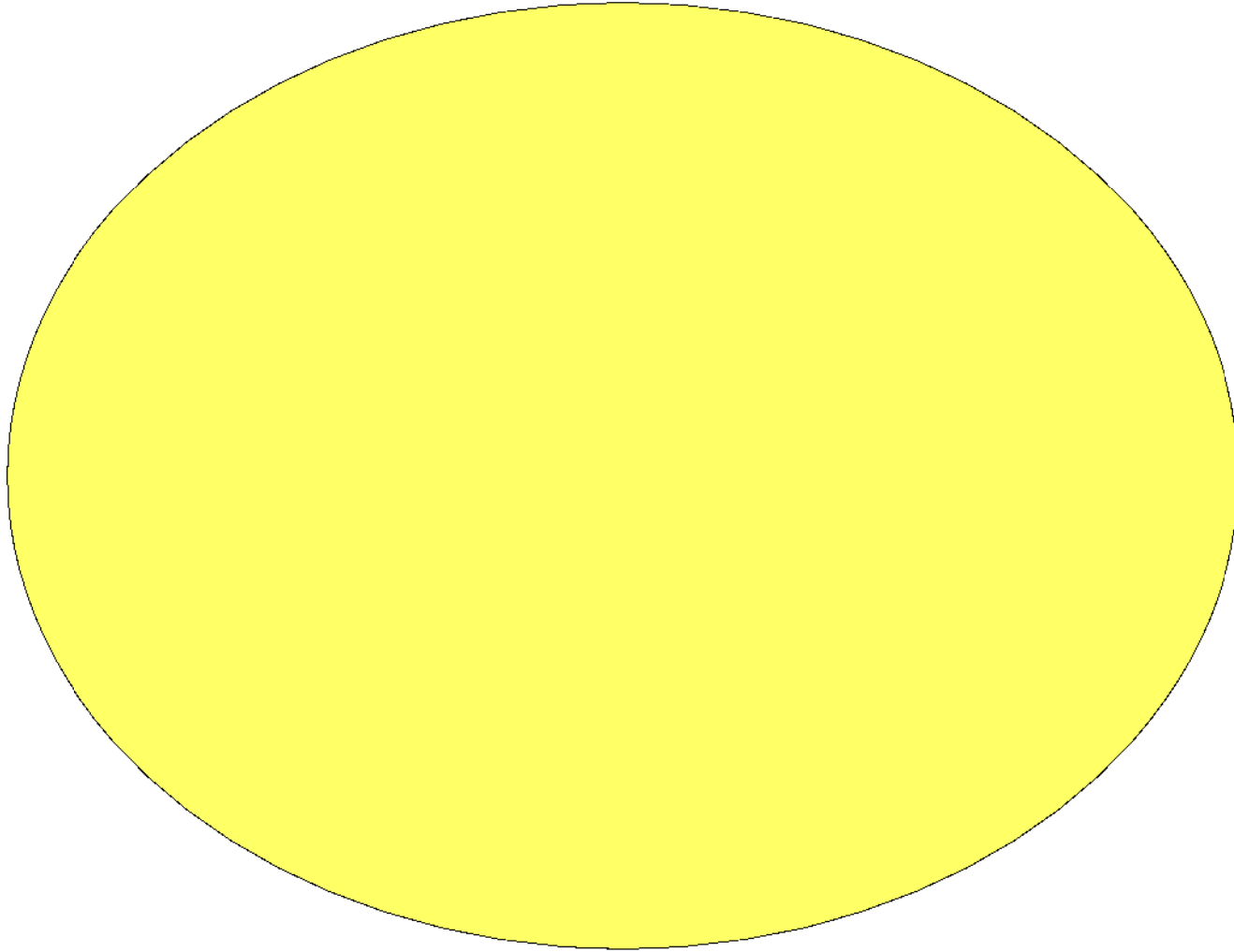


Parts of a scientific investigation



Results	Prediction	Procedure	Materials	Question
Swimming	Movies	Eating		

Science P5.3 C5.1 The student will demonstrate cause/effect related to transferring energy using age-appropriate objects or devices. The student will identify the parts of a scientific investigation and conduct a scientific investigation.

performance level 3

Make sure Boardmaker is in Design mode (if needed, press CTRL + D or ESC to change to Design Mode).

Instructions:

1. Print pages 1-8
2. Glue Parts of an investigation page inside file folder and laminate.
3. This page has the answers cards. Cut answers out and laminate. Use these answers as manipulatives for student to place in designated answer boxes.
4. Place hard Velcro pieces on the back of the answers.
5. Place the rest of the pages in page protectors and attach with rings
6. Place soft Velcro dots on top of X's (on page protectors) and on boxes on Vocab sheet
7. Place soft Velcro strips below Investigation page to hold manipulatives.

Items needed:

- 13 soft Velcro dots cut in half
- 10 hard Velcro dots cut in half
- 1 folder
- 2 metal rings
- 3 page protectors
- 1-7" soft Velcro strip cut in half



Our Science Investigation: Does ice melt at room temperature?

Step #1- Items to gather



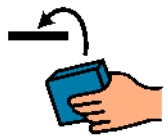
Get cube



Get Bowl

Our Science Investigation: Does ice melt at room temperature?

Step #2 - Procedures



Place



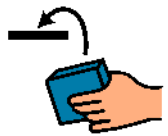
ice



in



plastic bowl.



Set



bowl



on



table.



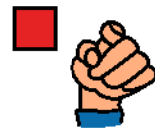
STOP



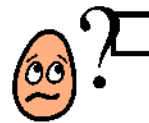
and



make



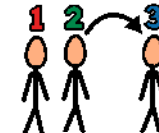
your



prediction



on



next














page.













Our Science Investigation: Does ice melt at room temperature?

Our Prediction

A

       **A**   **=**  
The ice cube will melt when placed in a room that is at room temperature.

B

        **A**   **=** 
The ice cube will not melt when placed in a room that is at room

temperature.

Place your answer in the box below

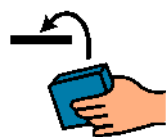
X

X

X

Our Science Investigation: Does ice melt at room temperature?

Step #2 - Procedures



Place



ice



in



bowl.



Set



bowl



on



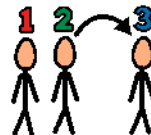
table.



Complete



the















next















page .

Our Science Investigation: Does ice melt at room temperature?

Was our prediction correct?

A        **A**     
 The ice cube will melt when placed in a room that is at room temperature.

B         **A**    
 The ice cube will not melt when placed in a room that is at room temperature.


Our prediction was ?


X

What really happened?

X

Were we correct?

yes


no


X

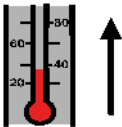
X

X

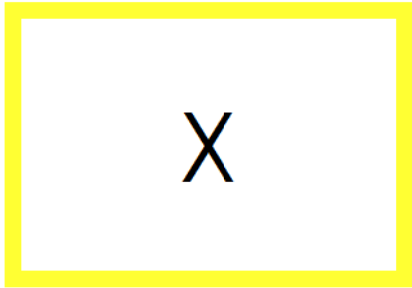
X

Demonstrate Energy Transfer

Room Temperature
Above 32 degrees

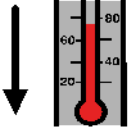


A thermometer with a red liquid column. The scale has markings at 20, 40, and 60. An upward-pointing arrow is to the right of the thermometer.

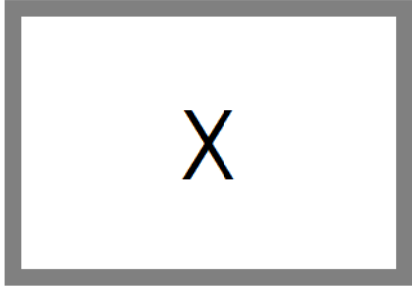


X

Room Temperature
Below 32 Degrees



A thermometer with a red liquid column. The scale has markings at 20, 40, and 60. A downward-pointing arrow is to the left of the thermometer.



X