

Matter and Energy 4

Second Grade

Brenda Rone, Susan Gentry, and Bridgett Niedringhaus
Hazelwood School District

This lesson is designed to reinforce:


State Science Standard 3


III Matter and Energy


Properties, Characteristics, and Structures of Matter

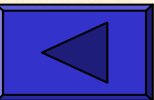
- A. Physical Properties are used to identify objects.
- B. Matter has physical properties that can change.
- C. Substances/mixtures can exist in different concentrations.
- D. Materials can be used for a variety of purposes.

Teacher Page

 We suggest that students keep a journal.

 It is critical for students to use writing skills to explain answers.

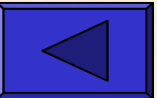
When you see this symbol  students should use their journals.



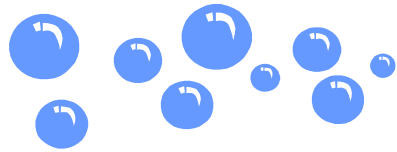
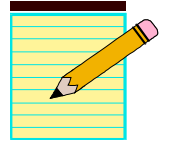
A. Physical Properties

Classifying

Activity 4



Matter can be a solid, liquid, or gas.
Can you put these things in groups?

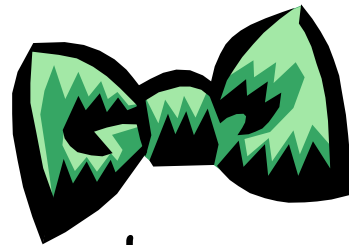


bubbles

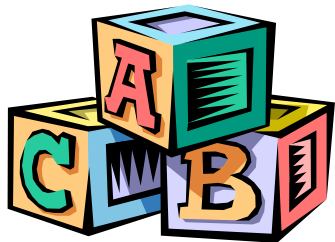
hot air



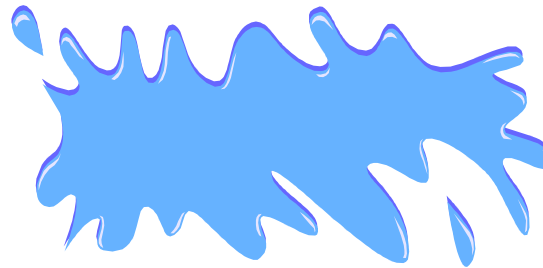
milk



bow



blocks

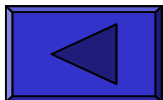
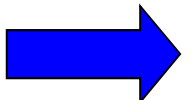


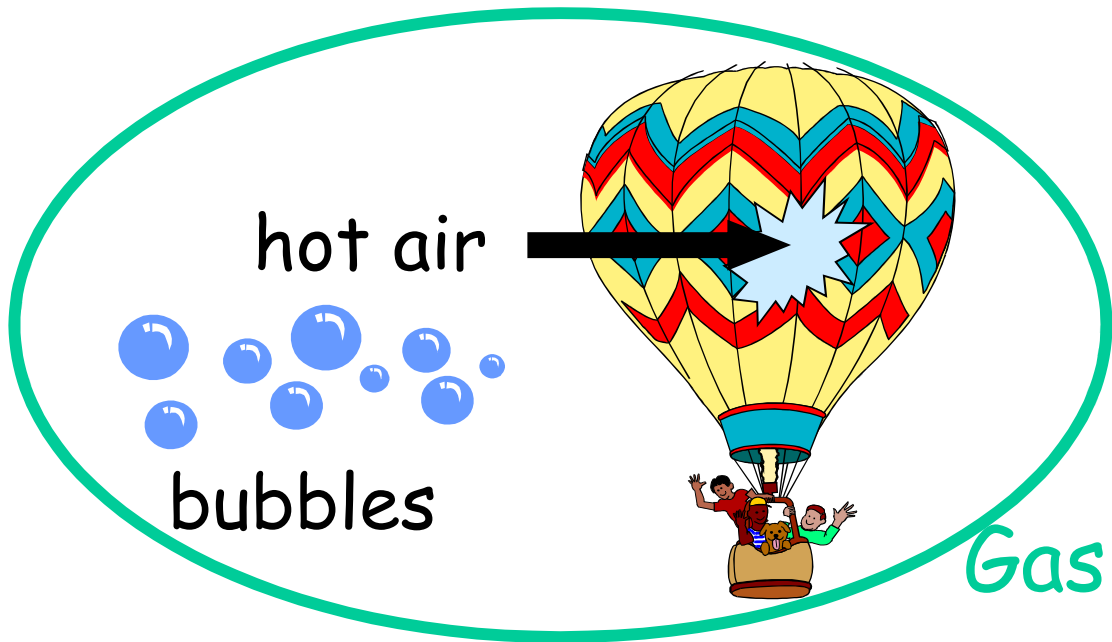
water



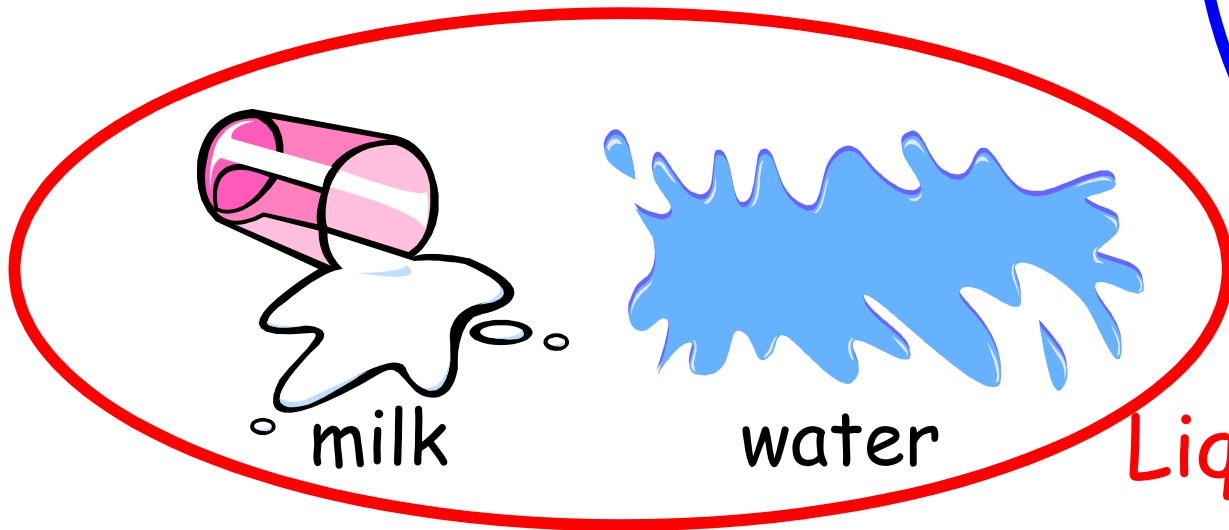
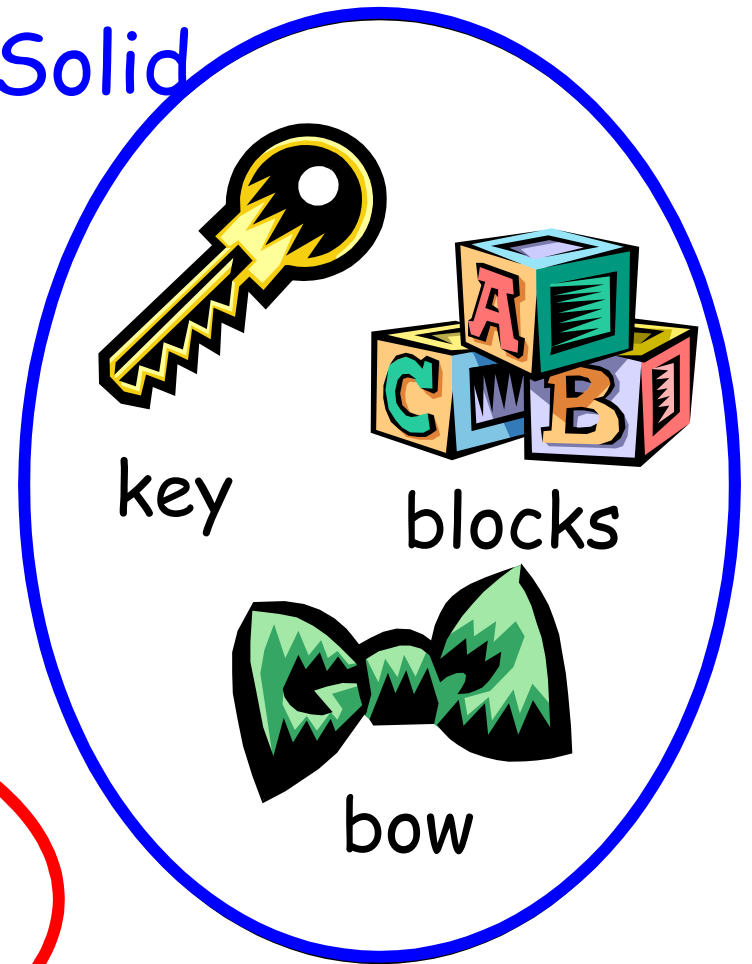
key

Answers next



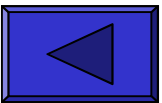
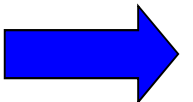


Solid

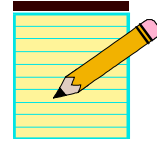


Name each group: Solid, Liquid, or Gas

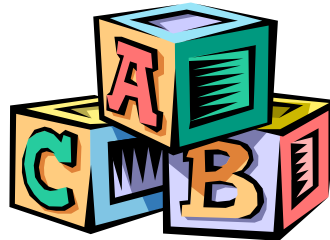
Click for answer



How are **solids** alike?



key



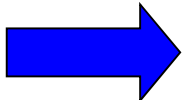
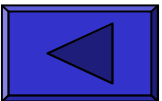
blocks



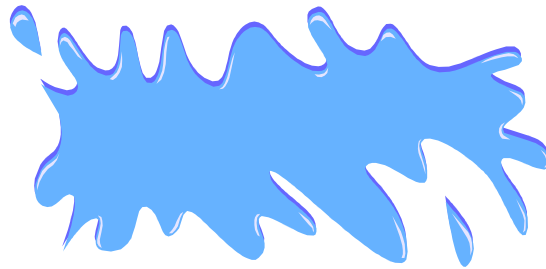
bow

Click for answer

Solids have a definite size and shape.



How are **liquids** alike?



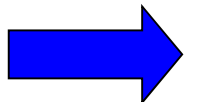
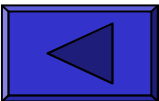
water



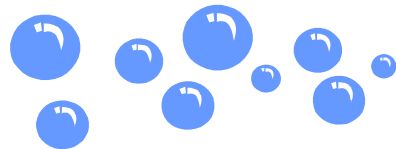
milk

Click for answer

Liquids have a definite size but take on the shape of the container.



How are **gases** alike?



bubbles

hot air



Click for answer
(May be slow)

Gases have no definite size or shape and move into all available space.

End of activity

