

Particle Model of Matter & States of Matter

Also Part 2 of the lesson worksheet.

Name: _____

Date: _____

EXPECTATIONS

5 min silent + 2 min share

1. Answer in Part 2 of the lesson worksheet (or on this sheet).
2. Number each answer to match the question.
3. Answer in complete sentences. For math, show your work.
4. Work silently for 5 minutes, then share with a partner for 2 minutes.
5. Be ready to share one answer with the class.

WARM-UP QUESTIONS

1. Name the three common states of matter and one example of each.

2. What happens to a puddle on a hot, sunny day? What is that process called?

3. Why does a cold soda can get wet on the outside on a warm day?

Today's target: I can use the particle model to explain the states of matter and changes of state.

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What to look for in student answers.

#	Question	Look for
1	Name the three common states of matter and one example of each.	Solid (ice), liquid (water), gas (water vapor/air).
2	What happens to a puddle on a hot, sunny day? What is that process called?	The water evaporates: it changes from liquid to gas.
3	Why does a cold soda can get wet on the outside on a warm day?	Water vapor in the air cools on the can and condenses into liquid.

Use the warm-up to activate prior knowledge. Call on 2-3 students, and write one strong answer on the board as a model. Question 3 previews today's lesson, so do not correct it yet; come back to it in the debrief.