

How Does Matter Change?

What you need:

- foil
- butter
- wooden block
- lamp

What you do:

- Each group makes two trays from foil
- Put $\frac{1}{2}$ tablespoon of butter in one tray. Put a wooden block in the other tray.
- PREDICT: Put the trays under the lamp. Tell what you think will happen after ten minutes. Then observe.
- COMPARE: How did your prediction compare to your results?

Think and write

- COMPARE: Tell how the changes to the butter and the block were alike and different.
- INFER: What do you think caused the changes?

Guided Inquiry

- EXPERIMENT: Repeat the activity with other solids. You might use an ice cube and a book. What can you infer about solids?

GLE 0207.9.2 Investigate how temperature changes affect the state of matter.