

# Using Science to Make Art

Name: \_\_\_\_\_

1. Write "True" or "False" for each sentence.

Scientists do not need to be creative. \_\_\_\_\_

Mixing vinegar and baking soda makes carbon dioxide. \_\_\_\_\_

Rube Goldberg machines are made in factories. \_\_\_\_\_

Rube Goldberg machines can show how energy is transferred. \_\_\_\_\_

When magma erupts from a volcano, it is called lava. \_\_\_\_\_

Baking soda is also called sodium bicarbonate. \_\_\_\_\_

Rube Goldberg was the name of a cartoon character. \_\_\_\_\_

2. Find a word in the book that is in the same word family as each word below.

e.g. erupts – eruption

scientist \_\_\_\_\_

art \_\_\_\_\_

creative \_\_\_\_\_

imaginary \_\_\_\_\_

activity \_\_\_\_\_

colour \_\_\_\_\_

destroy \_\_\_\_\_



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3. Draw lines to match each cause with its effect.

Cause	Effect
The ball rolls down the ramp.	The can turns.
The dominoes hit the pack of cards.	The dominoes fall over.
The pack of cards pushes the cardboard.	The car rolls down the ramp.
The cardboard tilts.	The cards fall over.

4. Draw a diagram to show the effect of the model volcano erupting.  
Label the main parts of the diagram.