

# CRYSTALS

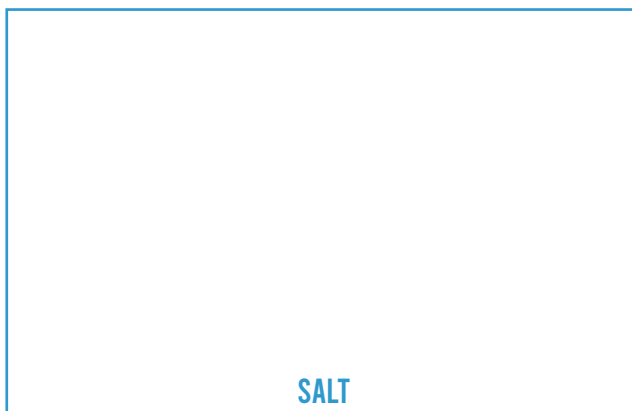
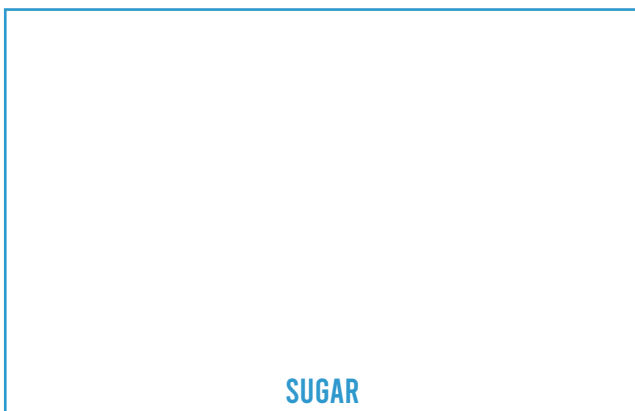
**WHAT TO DO:** Circle the picture that doesn't have any crystals. Color the pictures.



## SALT VS. SUGAR

**WHAT TO DO:**

1. Pour some salt onto a piece of black paper and look at it with a magnifying glass.
2. Draw the shape of the crystals in the correct box below.
3. Do the same thing with the sugar on another sheet of black paper.



### WHAT HAPPENED:

Sugar and salt grains are actually tiny crystals. Can you tell if the picture to the right is salt or sugar? It's sugar! If you were to make a saturated solution of salt and one of sugar, you would be able to see them grow into much larger crystals, but they would always have the same shape as these tiny crystals do! The salt crystals are cube shaped (like dice) and have six sides. The sugar crystals are very rough looking and are shaped more like rectangles with pointed ends.

Most of the crystals are the same shape and size and look very similar to each other, but you probably saw a few crystals on your paper that looked a little different. Those crystals probably had pieces broken off of them, or there might even be more than one crystal stuck together, making them look different from the others. Also, the coloring of the crystals is a little different. Sugar crystals look very clear and sparkly while salt is duller and looks more white-colored or frosted.

