



ADAPTIVE OUT OF BOUNDS TAKE-HOME ACTIVITY



CITY OF CORONA
**LIBRARY AND
RECREATION
SERVICES**



Secret Code: Balloon

Corona Adaptive

- The City of Corona Adaptive program is proud to offer a variety of recreational, educational, social, and creative activities for those 16 years and older with developmental disabilities.
- Out of Bounds is designed for teens and adults with special needs. This interactive presentation Summer 2020 program is designed to engage participants, encourage thought and the ability to learn through science experiments. Families and caretakers are highly encouraged to participate.

Activity

Cloud in a Jar

[CLICK HERE FOR VIDEO INSTRUCTIONS.](#)

What you need:

- A jar with a lid (I used a spaghetti sauce jar)
- 1/3 cup of hot water
- Ice
- Hairspray

What to do:

Step 1 – Pour 1/3 cup of hot water into the jar. Swirl it around to warm up the sides of the jar.

Step 2 – Turn the lid upside down and place it on top of the jar. Place several ice cubes onto the lid and allow it to rest on top of the jar for about 20 seconds.

Step 3 – Remove the lid, quickly spray hairspray into the jar and then replace the lid with the ice back on top.

Step 4 – Watch what happens! A cloud will begin to form. Why do you think this happened?

Step 5 – When you see a good amount of condensation form, remove the lid and watch the “cloud” escape into the air.

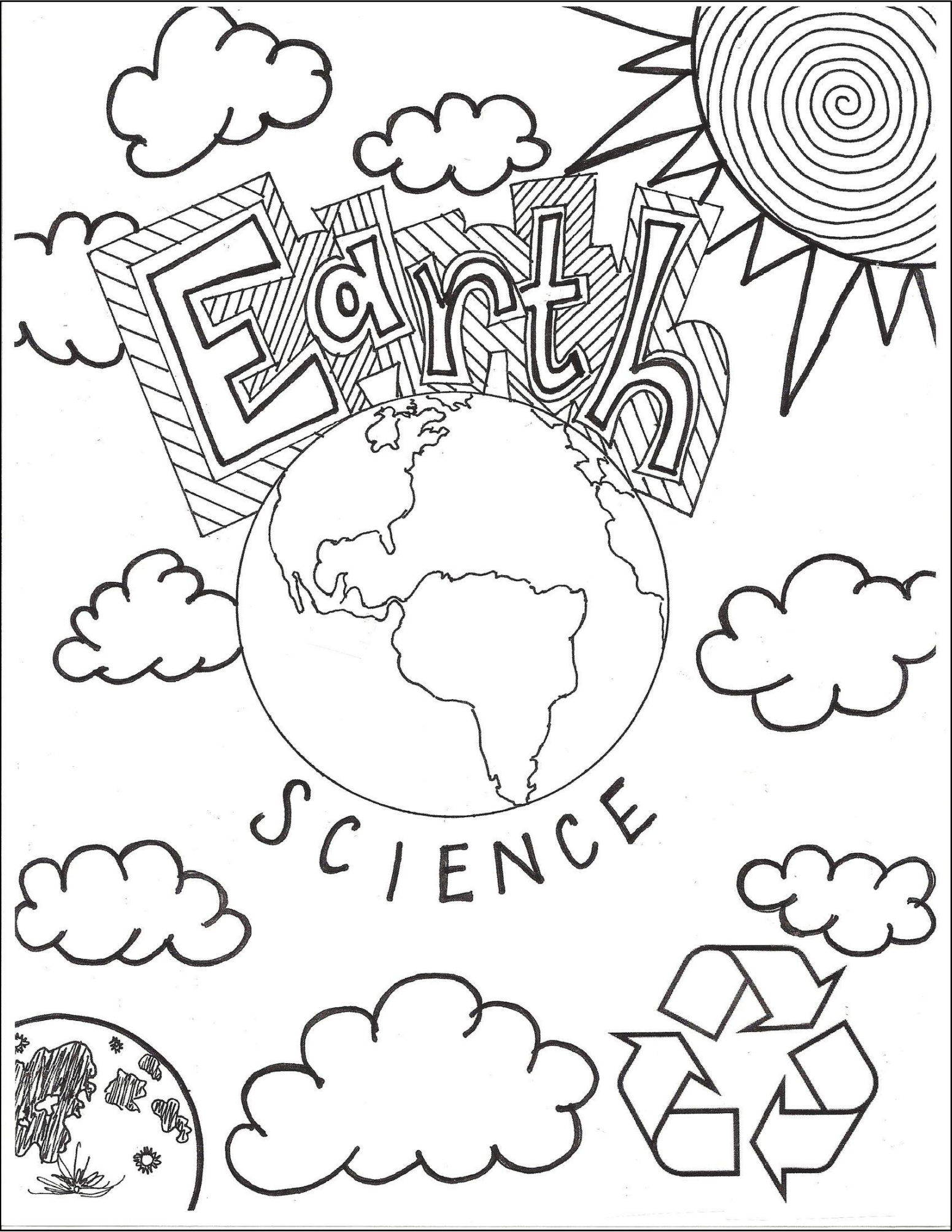
How it works:

When you add the warm water to the jar, some of it turns into water vapor. The vapor rises to the top of the jar where it comes into contact with cold air, thanks to the ice cubes on top of the lid. Water vapor condenses when it cools down however a cloud can only form if the water vapor has something to condense on to. In nature, water may condense onto dust particles, air pollution, pollen, volcanic ash, etc. In this case, the vapors condense onto the hairspray.

Coloring

For more fun, three sheets have been attached for you to print and color!





Earth

SCIENCE

