

WATER CYCLE IN A BAG

This simple science discovery in a bag is a quick and easy way to learn about the water cycle!

INSTRUCTIONS

STEP 1: Print a color the water cycle template.

STEP 2: Cut the water cycle out and tape behind a zip top plastic bag.

STEP 3: Mix 1/4 cup of water with 2 drops of blue food coloring and pour into bag and seal.

STEP 3: Tape the bag to a sunny window and wait.

STEP 4: Check your bag in the morning, mid day, and again at night and record what you see. Did you notice any changes?

SUPPLIES:

**Water cycle template
Zip top bag
Water
Blue food Coloring
Markers
Tape**

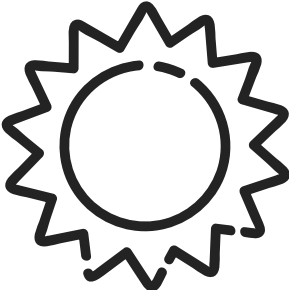
THE SCIENCE

The water cycle continues even in winter when cooler temperatures play a significant role. Water and ice from lakes, streams, oceans, and rivers still evaporates, although the process may slow in colder weather. This water rises into the air as water vapor.

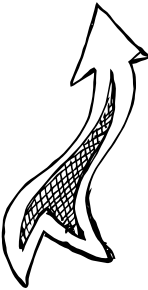
When the vapor encounters the colder winter air, it condenses into tiny water droplets or ice crystals, forming clouds. This part of the water cycle is called condensation. In winter, precipitation often falls as snow, sleet, or freezing rain instead of liquid rain. Once it reaches the ground, snow and ice may remain for a time before eventually melting, soaking into the soil, or running off into bodies of water, completing the cycle. The water cycle is always in motion, even during the coldest months!

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CONDENSATION



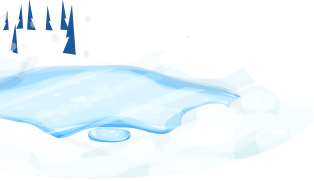
EVAPORATION



PRECIPITATION



RUNOFF



COLLECTION



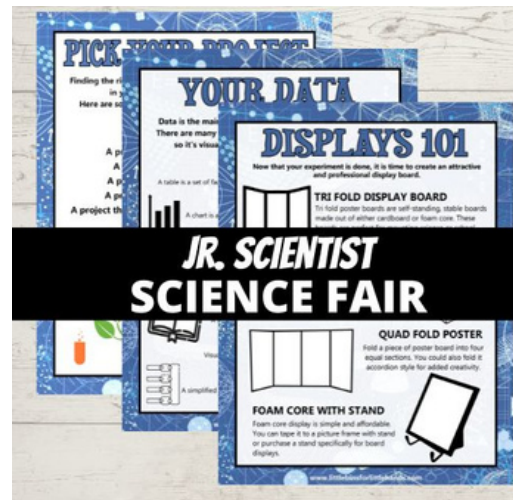
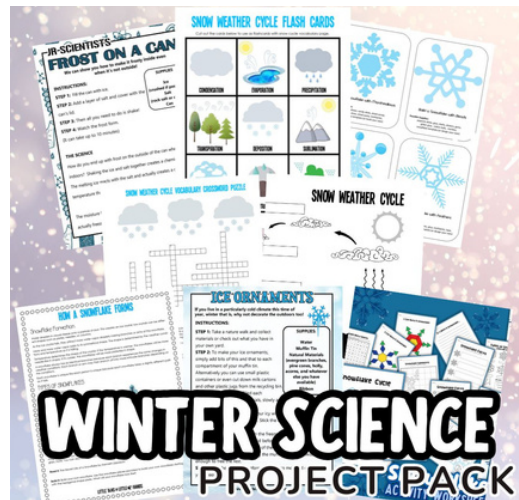
LITTLE BINS^{me} FOR LITTLE HANDS

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