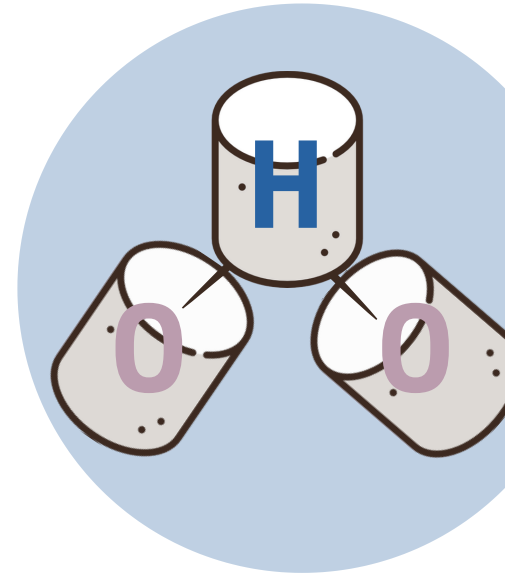


H₂O: WONDERFUL WATER

Understand the structure and properties of water

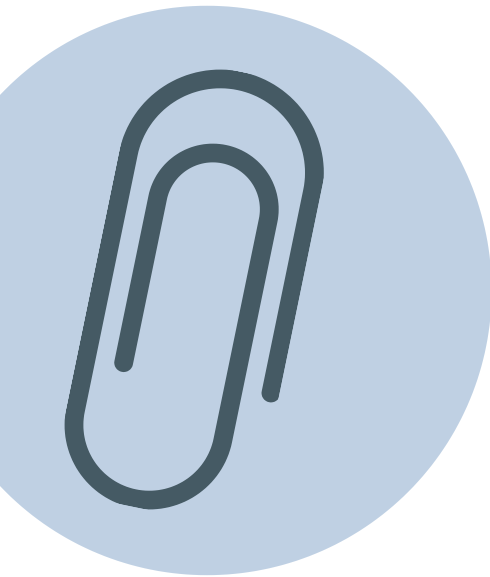
MAKE:

Make your own water molecule! All you need are marshmallows and toothpicks.



PLACE:

Place a paperclip on the surface of a cup of water. Does it float? Why?



DROP:

Find out how many drops of water fit on a penny. What was your guess? How close were you?



Congratulations! You just learned about **surface tension**, and **cohesion**.

H2O: WONDERFUL WATER

Make your own personal water cycle

DRAW:

Draw water cycle elements on an empty bottle: clouds, raindrops, land, the sun, and a lake.

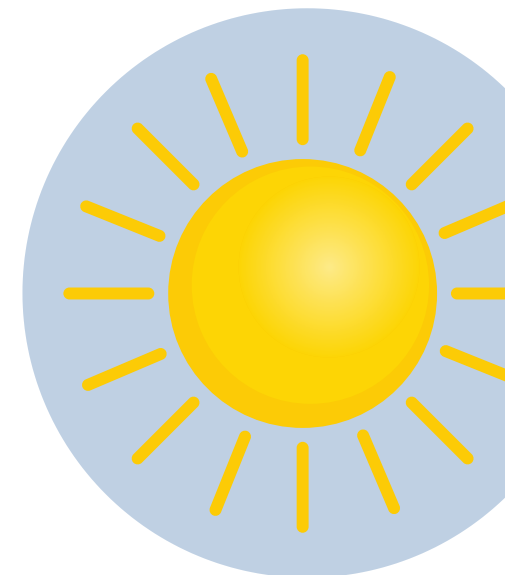


ADD:

Add about 1/4 cup of water and a drop of food coloring.

SEAL:

Seal the bottle and place in a sunny spot. After 30-60 minutes, observe any changes.



Congratulations! You just learned about the **water cycle**. Water is always in motion and changing.

H2O: WONDERFUL WATER

Learn about infiltration and materials that reduce pollution

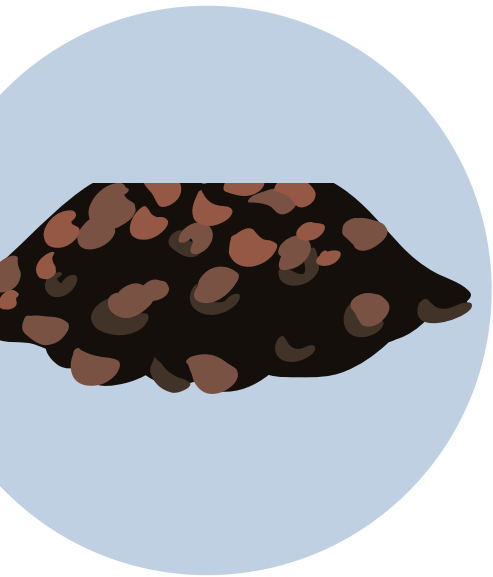
REMOVE:

Ask a grown-up for help and cut 1/3 off the top of a plastic bottle. Flip it upside down and put it back in the bottle to make a funnel.



PLACE:

Place coffee filter or a paper towel inside the funnel. Add cotton balls and a layer of activated charcoal. Then layer gravel and sand.



POUR:

Pour homemade dirty water (made with coffee grounds, dirt, cooking oil, etc.) into your filter. When the water has gone through, scoop out the layers to see what each removed.



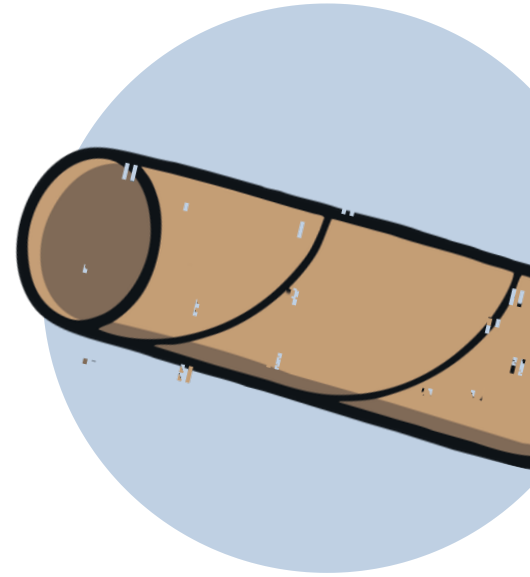
Congratulations! You just made a **water filter**. It's not clean enough for you, but a plant would love a drink!

H2O: WONDERFUL WATER

Create music and explore sounds with your own rainstick

PAINT:

Paint your cardboard tube. Cut out two circles two-times larger than the end of the tube from a paper bag. Crumple them up and cut fringe to make them look worn. Attach one circle to the end of your tube with a rubber band.

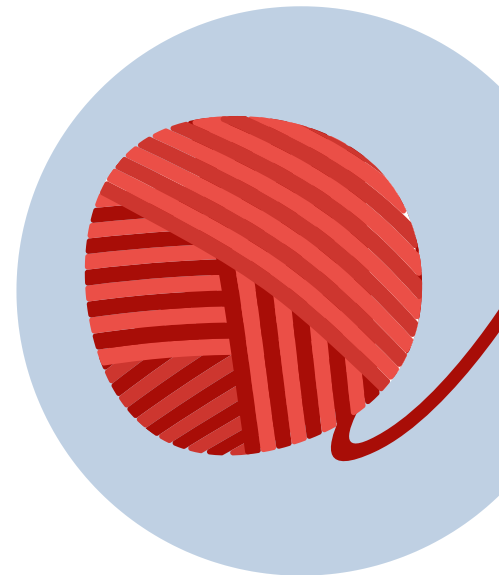


TWIST:

Twist a pipe cleaner or two and place in your tube. Try wire or tinfoil spirals for a different sound. Add different amounts of dry rice or beans.

TIE:

When you're happy with the sound, attach a second paper circle to the other end. Tie with yarn or ribbon.



**CONGRATULATIONS! YOU JUST MADE
A RAINSTICK.**

H2O: WONDERFUL WATER

Find all the words that remind us of wetlands

H A B I T A T W E T S G
E C O S Y S T E M W O S
M A R S H M T U K A G O
F Q M E S B O G C T G I
E U Y S P O N G E E Y L
N Q Q L Q N C Y Z R P H
B I O D I V E R S I T Y
C C J W I L D L I F E I

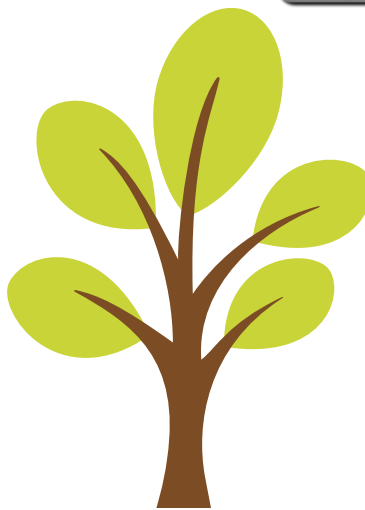
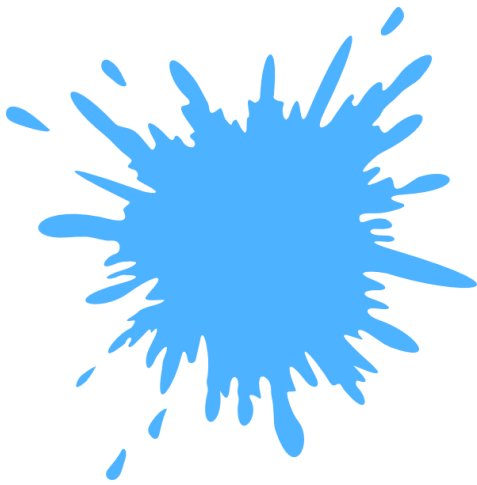
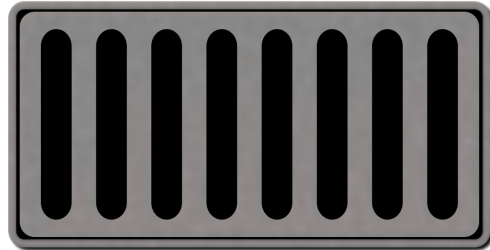
biodiversity ecosystem wildlife habitat
soggy sponge water marsh
soil wet bog fen

Congratulations! You just learned about
wetlands.

H2O: WONDERFUL WATER

Have fun with this rainy day hike activity

Count how many: trees,
puddles, rain drops, storm
drains



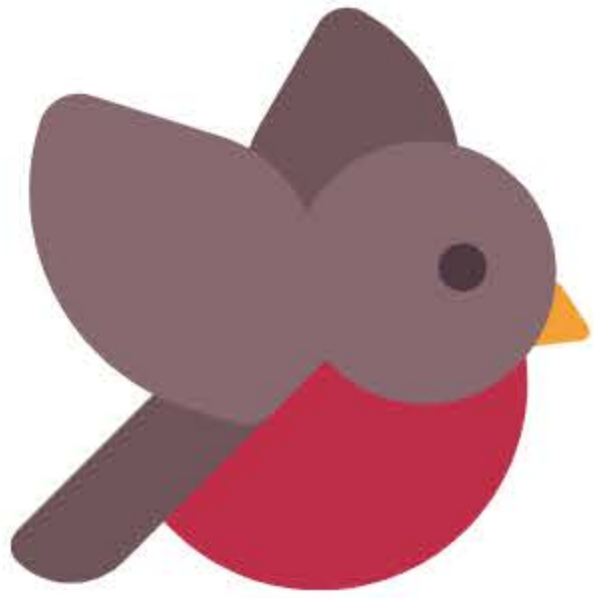
Look for:



Congratulations! You just did some great
counting.

NATURE BINGO

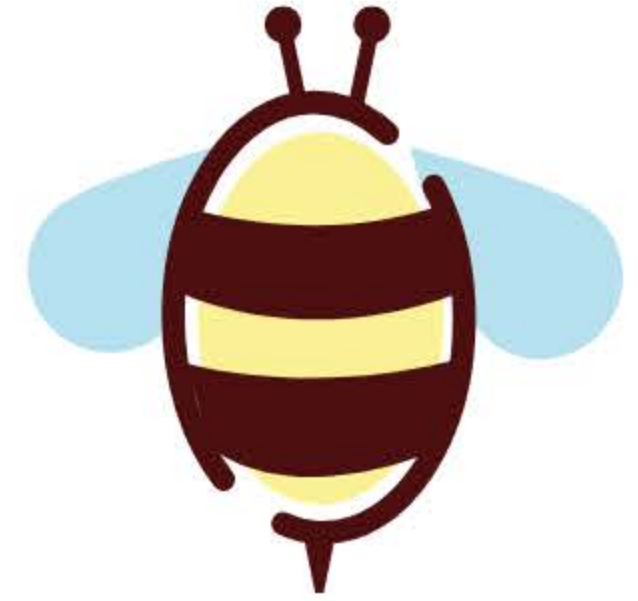
Spend time outside and appreciate nature all around you.



BIRD



LEAF



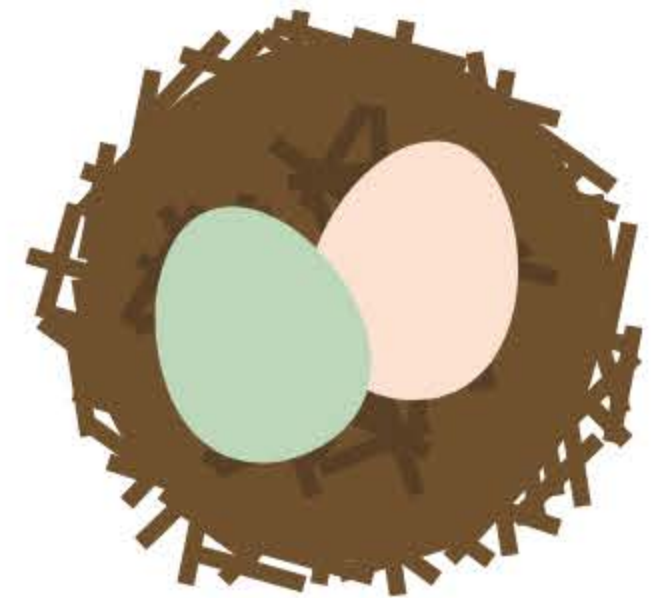
BEE



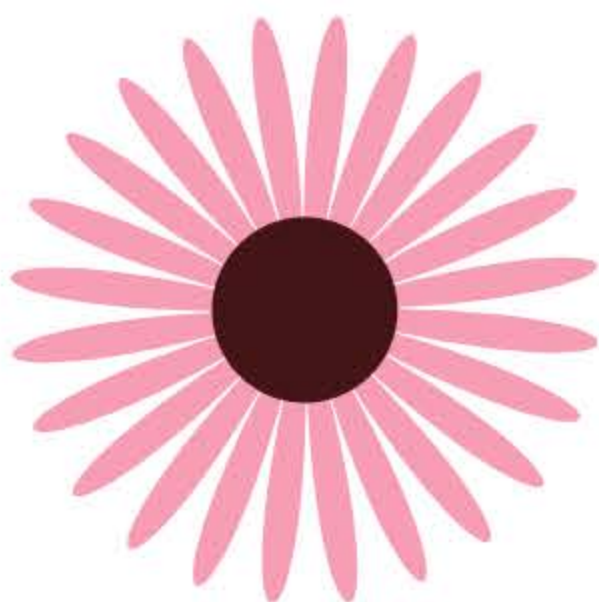
FROG



CLOUD



NEST



FLOWER



SQUIRREL



TREE

NATURE BINGO

Spend time outside and appreciate nature all around you.

