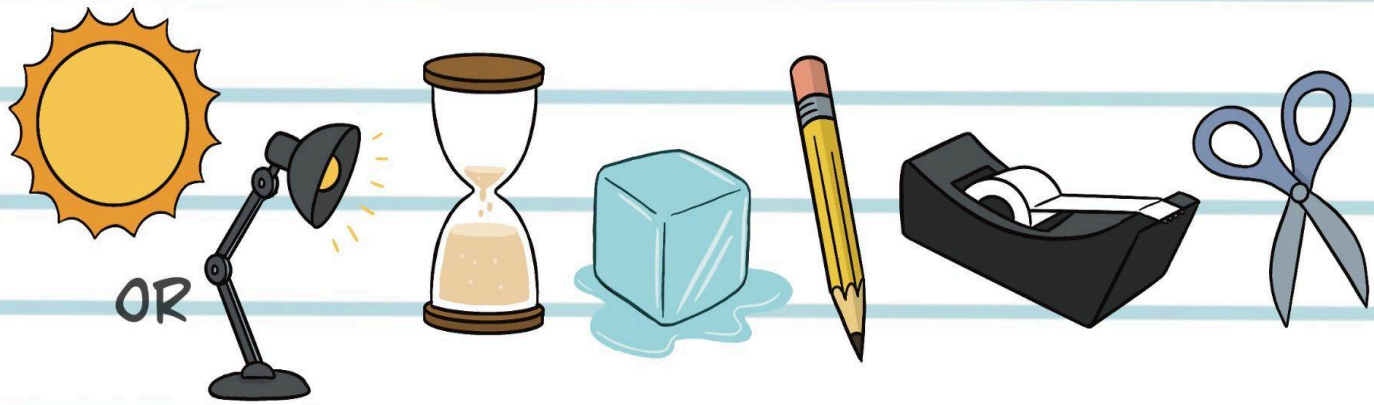
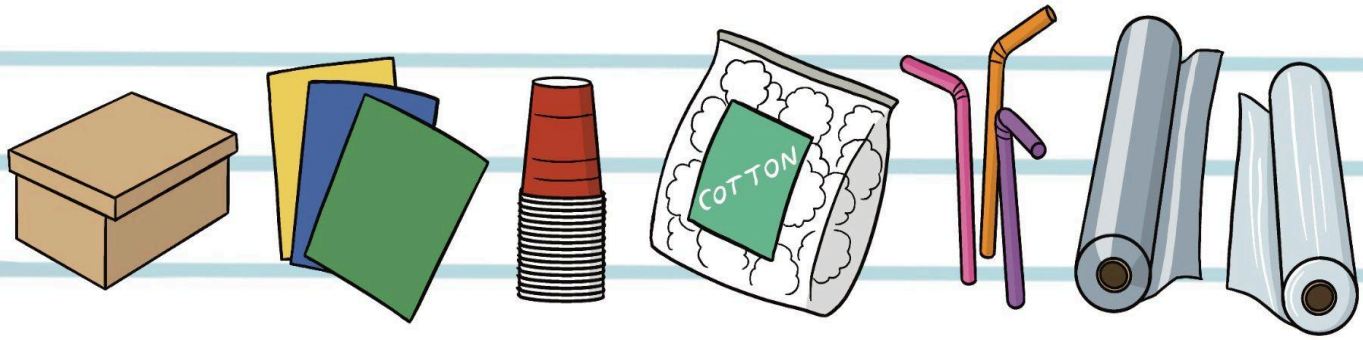
BE A PART OF THE TREE LAB TEAM

Investigate your world!

MATERIALS YOU NEED:

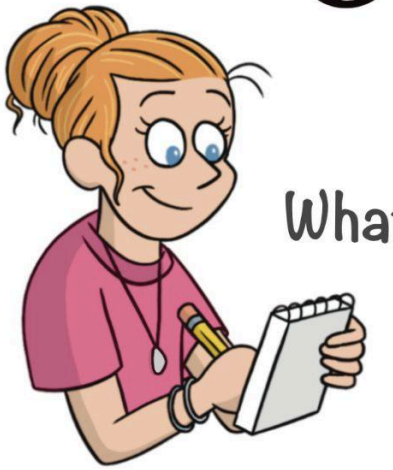


MATERIALS YOU MIGHT USE:



GROWN-UPS:

In this experiment, your child will design and build a habitat for an animal — real or imagined! Their habitat will need a shelter to help the animal stay cool and safe. Once the shelter is built, they will test it using a small ice cube. They'll place the ice cube inside the shelter and set the habitat under a light or direct sunlight. At 5, 10, and 15-minute intervals, they'll check how much the ice has melted and record their observations on the data sheet to see if their shelter really worked!



THINK IT!

What living thing will you choose for your habitat?
It can be a real animal or a made-up one.
Use your imagination! Create and draw
your animal below.

GROWN-UPS, be hands-free and let their creativity be!

What does your animal need to stay alive?
Think about its habitat.

How will it get food? Where will it get water?
What shelter will keep it cool and safe?

Look at the supplies you have.
Now on the next page, draw your idea for a habitat
that gives your animal everything it needs:
food, air, water, and shelter!

Draw your habitat here:

TELL IT!

Explain your habitat design to your grown-up or a friend. Make sure to tell them:

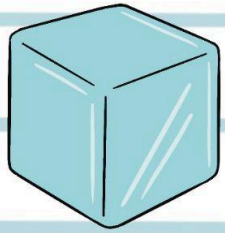
-how your animal will get its food and water.

-how your animal will stay cool and safe.

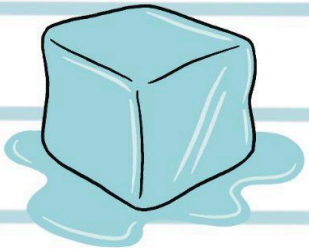
TRY IT!

Work with your grown-up or friend to build your habitat. Make sure it has a shelter for your animal to protect it from the heat and light.

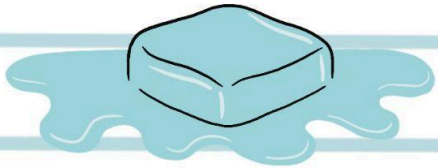
MAKE YOUR HYPOTHESIS (YOUR GUESS).
WHAT DO YOU THINK WILL HAPPEN TO THE ICE CUBE WHEN YOUR HABITAT IS IN THE LIGHT?
I THINK IT WILL...



STAY FROZEN



MELT A LITTLE



MELT A LOT

A hypothesis uses what you already know to make a guess of what is going to happen next.

TEST IT!

For this experiment, you will be using your habitat, sun or light source, timer, and an ice cube.

1. Place a small ice cube inside the shelter of your habitat.
2. Put your habitat under a light or in direct sunlight.
3. Wait for five minutes then observe the ice cube.

-What happened? Did it melt a little or a lot?

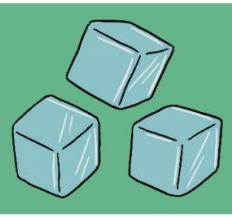
4. Record your observations on your data sheet.
5. Check the ice cube in 5-minute intervals for a total of 15 minutes.
6. Record what you see each time.

SCIENTIST TIP!

Scientists don't just stop at one test. They try it again... and again! Use a new ice cube and follow steps 1-6 for each 15-minute test. See if you get the same answer all 3 times!

TEST IT!

Be like Stacie and write down your observations.
Look closely! What happened to the ice?
In each row, mark the box that matches what you saw.

	 STAYED FROZEN	 MELTED A LITTLE	 MELTED A LOT
5 MINUTES			
10 MINUTES			
15 MINUTES			

Was your hypothesis correct?
(Circle one)

MY HYPOTHESIS WAS **CORRECT** OR **INCORRECT**
BECAUSE...

Congratulations on completing the Tree Lab Trio Method:

THINK IT! TELL IT! TRY IT! TEST IT!