

Week 2: Under Water

July 1-7

Dive deep into oceans, rivers, and our own Great Lakes to discover what it takes to live beneath the waves.

Use the sheet below to mark off this week's activities as you complete them. See if you can get a BINGO!

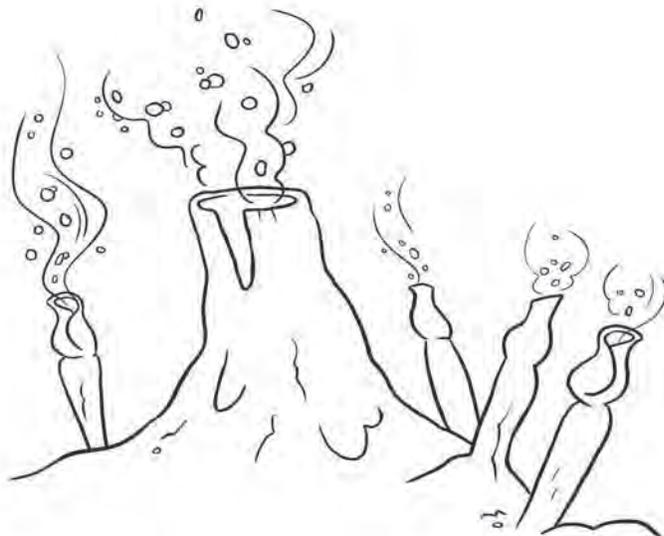
Scan the QR code or visit www.michiganlearning.org/underwater to see the playlist of videos for this week.



Draw a creature that lives underwater	 Do 60 mins. of activity	 Read for 20 minutes	Learn about solid, liquid, and gas	Watch Read, Write, ROAR!
 Read for 20 minutes	 Watch Math Might's	 Go fishing	Try a new food	 Do 60 mins. of activity
 Do 60 mins. of activity	Watch Wimee's Words	 HAVE FUN! (Free Space)	 Go swimming	 Read for 20 minutes
Watch Read, Write, ROAR!	Watch an ice cube change over time	 Watch Math Might's	Watch InPACT at Home	Watch Wimee's Words
Watch InPACT at Home	 Read for 20 minutes	Tidy up the kelp forest with Splash and Bubbles	 Do 60 mins. of activity	Visit a new place



Can you draw a deep sea fish with **BIG EYES**, a **BIG MOUTH**, and **LONG TEETH**?



Fin Fact!

Creatures that live in the deep typically have large mouths, long teeth and hinged jaws to eat large quantities of scarce food. Many deep sea creatures also have very large eyes to capture scarce light.



FUNDING PROVIDED BY:





Ice Cubes and Water: Now and Later

Name _____

Instructions:

1. Fill one plastic, clear cup with water and a second plastic, clear cup with ice.
2. Find a piece of chalk, a pencil, and take the two cups and this paper and go outside.
3. Pour a small amount of water on the ground. Outline the water puddle with chalk. In the first column, draw what you notice about the water.
4. Next, place one of your ice cubes on the ground and outline it with chalk. Leave one ice cube in a clear cup. After 30-minutes, in the second column, draw what you observe about the ice.
5. When another 30-minutes pass, write or draw a question you are interested in.

During my investigation I noticed this about the water...

When I first poured the water on the ground, the water looked like this...

After 30-minutes, the water I poured looked like this...

I observed this about the ice...

When I first placed the ice on the ground, the ice looked like this...

After 30-minutes, the ice looked like this..

What do you notice about how liquid water changed? _____

What do you notice about how solid water (ice) changed? _____

A question I still wonder about is... _____

I made the connection in my mind when I observed the water and ice that... _____

WIND DANCER FILMS

Find more games and activities at pbskidsforparents.org

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Playing With Water

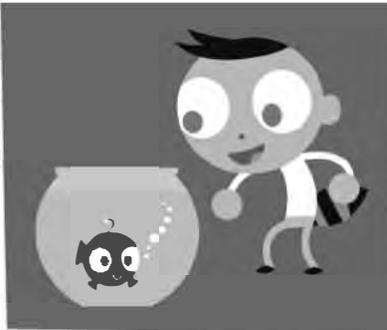
Water can be found in three different states: liquid, solid, and gas. Look at each picture and read the question below. What state is water in for each picture?

1



Dee is getting ready to ice skate.
What kind of water can Dee ice skate on?

2



Del has a new pet fish.
What kind of water is his fish swimming in?

3



Dot is waiting for her steamy soup to cool down before she can eat it.
What kind of water is steam?

4



Del has gone for a swim.
What kind of water does he swim in?

5



Dot and Dee watch the fog roll across the water.
What kind of water is fog?

6

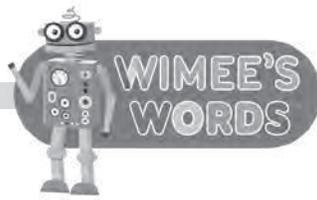


Dot and Del are playing in the snow.
What kind of water is snow?

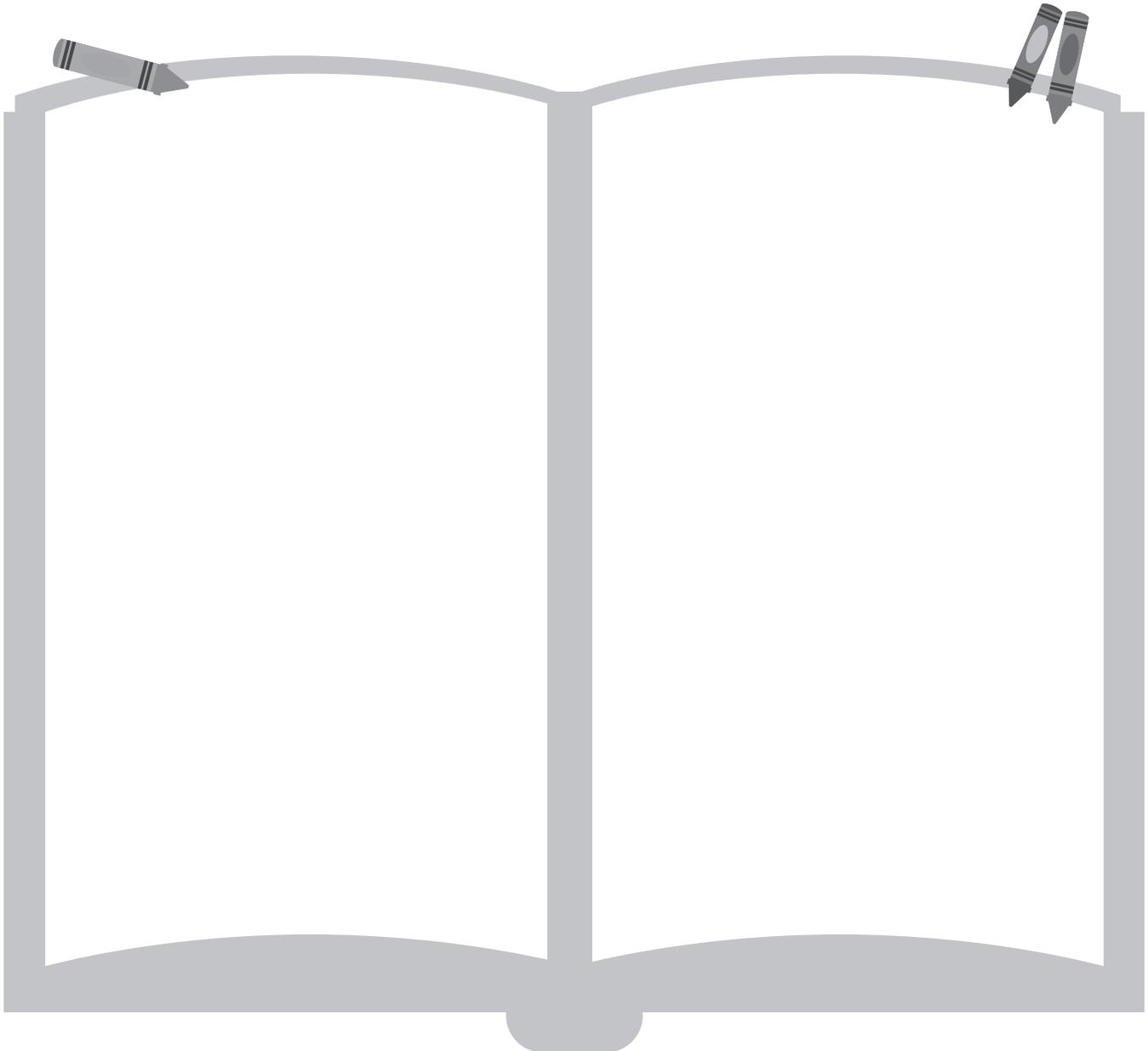


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answer key: solid, liquid, gas, liquid, gas, solid

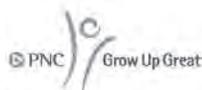


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Draw what's inside.**



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WIMAGE



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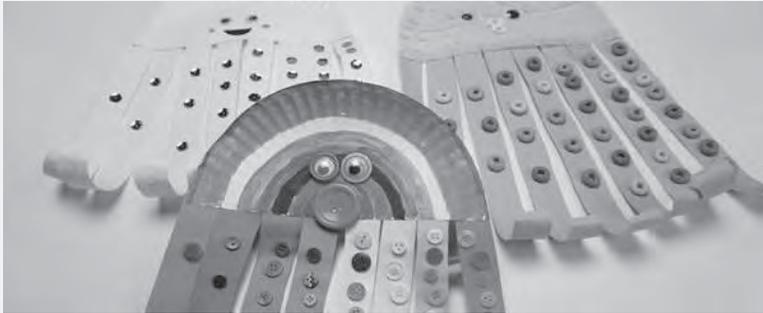
Counting Octopus

This activity explores

123 Number Sense & Counting

Learning Goal

Practice counting 1-8.



What You'll Need

- Paper plate
- Construction paper
- Markers or crayons
- Cereal loops, sequins or buttons
- Scissors
- Glue
- Googly eyes

Steps

- 1. Make an octopus!** Cut the paper plate in half to make the head. Decorate it with crayons and add eyes and a mouth.
- 2. Add the tentacles!** Cut 8 long paper strips to make the octopus legs, or tentacles. Write a number on each leg, 1-8, and glue the legs to the head in number order.
- 3. Add the suckers!** Using small round items like cereal loops or buttons, add suckers to the tentacles in the amount of the number on each one. Practice counting together!

Watch Video



Talk Together

- Which tentacle has the most suckers on it?
- How many suckers does the octopus have?

Book Suggestion

Dos en el Zoológico/Two at the Zoo,
written by Danna Smith
and illustrated by Valeria Petrone

Online Game

Curious George: Blast Off

pbskids.org/curiousgeorge/busyday/rocket/

Find more fun activities at pbsocal.org/familymath



ACTIVITY GUIDE

Episode 202: Where is our Food From?

Scan below to watch lesson



Let's Write And Let's Draw

With your child, draw a picture of the seed after you planted it. (Day 1) .

With your child, draw a picture of what the planted seed will look like after three days.

With your child, draw a picture of what the planted seed will look like after five days.



ACTIVITY GUIDE

Episode 203: Measuring Temperature and The Letter N
Book: *What is temperature?* By Robin Johnson

Scan below to watch lesson



Read It

Have an adult read the poem out loud to you and talk about the weather in each of the four seasons.

Weather

By Corinne Alt

The seasons help
Predict the weather!
Fall, Winter, Spring, Summer

We check the temperature
To know how to dress,
So you don't have to guess!

A thermometer is a tool,
That we use to measure
If it is hot or cool!

High Frequency Words

Circle the high-frequency words in the poem.

is or

Write It

Highlight or lightly color over the uppercase letter **N's** and lowercase letter **n's** in the poem.

Nn



Look for the uppercase letter N and the lowercase letter n on street signs as you are riding in the car.

Words to Know

temperature - how hot or cold something is

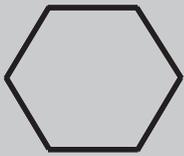
thermometer - a tool to measure temperature

Practice reading the temperature on a thermometer with an adult.



Pattern Block Puzzle Challenge

Directions: Cut out the pattern blocks. Use the pattern blocks to cover the image. Count and record how many of each shape you used.



hexagon



trapezoid



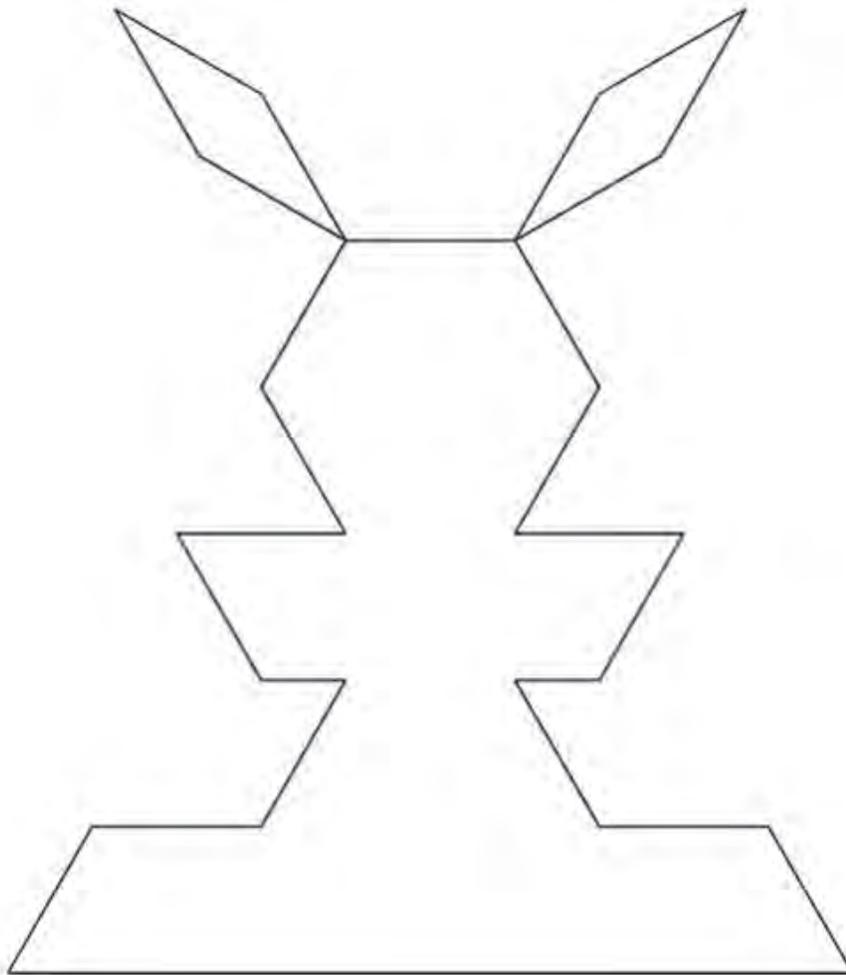
rhombus

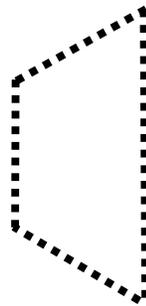
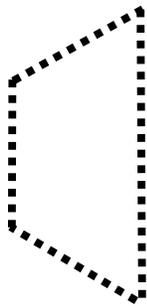
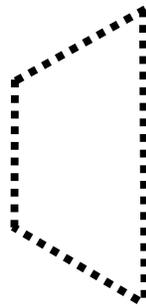
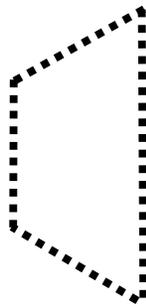
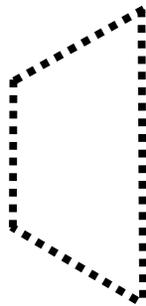
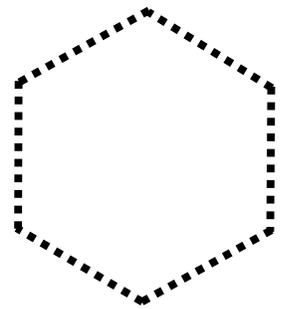
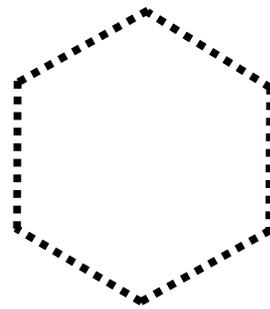
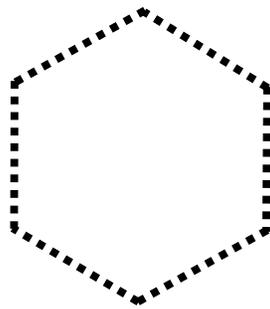
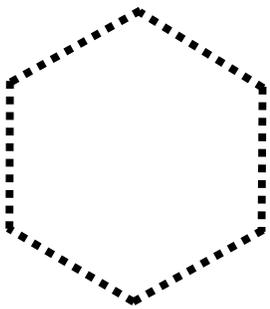
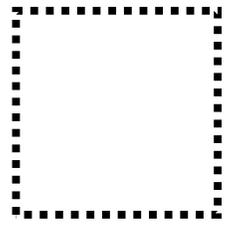
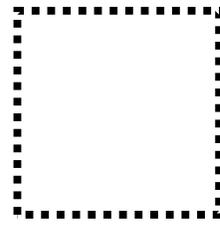
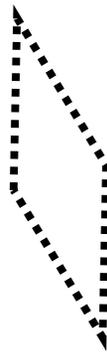
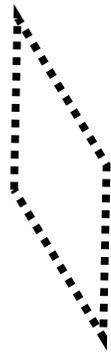
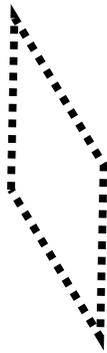
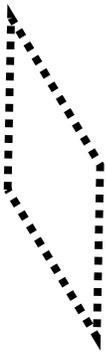
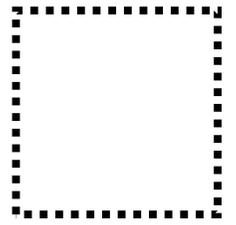
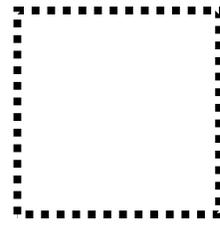
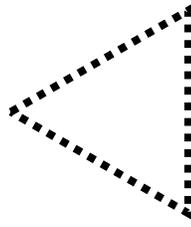
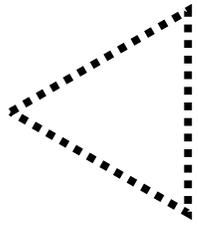
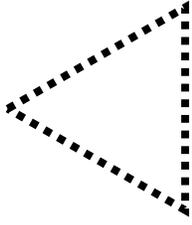
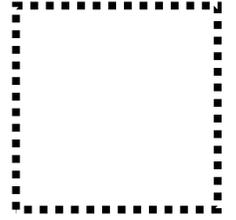
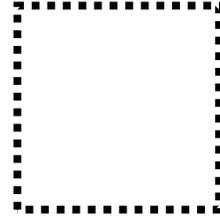
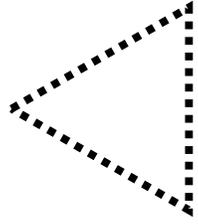
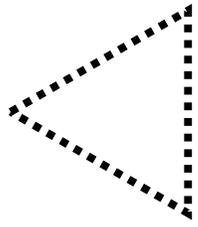
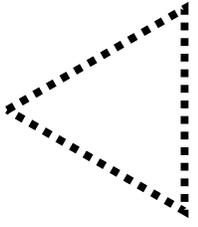


square



triangle







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