



**Michigan  
LEARNING  
CHANNEL**  
A PUBLIC MEDIA PARTNERSHIP

# SUMMER!

**FUN ACTIVITY BOOK**



**EARLY  
LEARNERS**

On TV. Online. Statewide. VISIT [MichiganLearning.org](http://MichiganLearning.org)

# Teamwork makes the dream work.

It takes teamwork to help your student make progress in school—especially when it involves special education. **Michigan Alliance for Families and Special Education Mediation Services** are here to help.

**ALL SERVICES ARE FREE.**

For help strengthening communication, call **Special Education Mediation Services** at **833-KIDS-1ST** or visit **mikids1st.org**.

For free resources and support, call **800-552-4821** or visit **michiganallianceforfamilies.org**.



*Michigan Alliance for Families and Special Education Mediation Services are Individuals with Disabilities Education Act (IDEA) Grant Funded Initiatives through the Michigan Department of Education, Office of Special Education.*

# How to Use This Book

We've curated activities that inspire learning all summer long. Fight the summer slide with math and writing refreshers, then explore your world with scavenger hunts and science experiments the whole family can try. Use the guides below to make the most of this summer!



## Use Grade Levels

This book spans multiple grade levels. Choose a few lessons each week and try new ones as needed. Try tougher lessons later in the summer or next year.



## Follow Weekly Themes

This book is designed to use for 8 weeks of summer. We suggest spreading it out over a few days each week and finding a time that works for your family.



## Extend the Learning

Scan the QR codes in this book to watch videos with extra instructions and examples. Find all of our summer videos at [MichiganLearning.org/summer](https://MichiganLearning.org/summer)

**And Don't Forget!**

## Share Your Thoughts

Scan this QR code to take a short survey about our Summer of Fun program to let us know what you like about our books and what you'd like to see in the future.

Or VISIT

[MichiganLearning.org/SummerSurvey](https://MichiganLearning.org/SummerSurvey)





# Dates and Themes

**The summer program runs from June 24 to August 18, 2024.**

Each week has a set of lessons, plus additional programs, activities, and field trips based on the weekly theme.

## **Take Flight (June 24-30):**

From planes and kites to butterflies and birds, discover the fables and physics of things that fly.

## **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.

## **Heroes (July 8-14):**

Celebrate our nation's birthday and the people we call heroes, whether they are veterans, everyday helpers, or the kind who wear capes.

## **Creatures (July 15-21):**

From the prehistoric to the present, learn about the fascinating features of creatures near and far.

## **Engineering (July 22-28):**

Meet the people who design bridges, cars, and video games and learn how to think like an engineer.

## **Great Outdoors (July 29 - August 4):**

Explore the world outside your door and the incredible parks and waters that belong to us all.

## **When I Grow Up (August 5-11):**

All summer we'll learn about different careers—this week, think about all the exciting possibilities in your future!

## **Shoot for the Stars (August 12-18):**

Look up at the night sky and into outer space and meet people who risked everything to follow their dreams.



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**Facebook Live at [fb.me/michlearning](https://fb.me/michlearning)**  
**[www.michiganlearning.org/summer](http://www.michiganlearning.org/summer)**

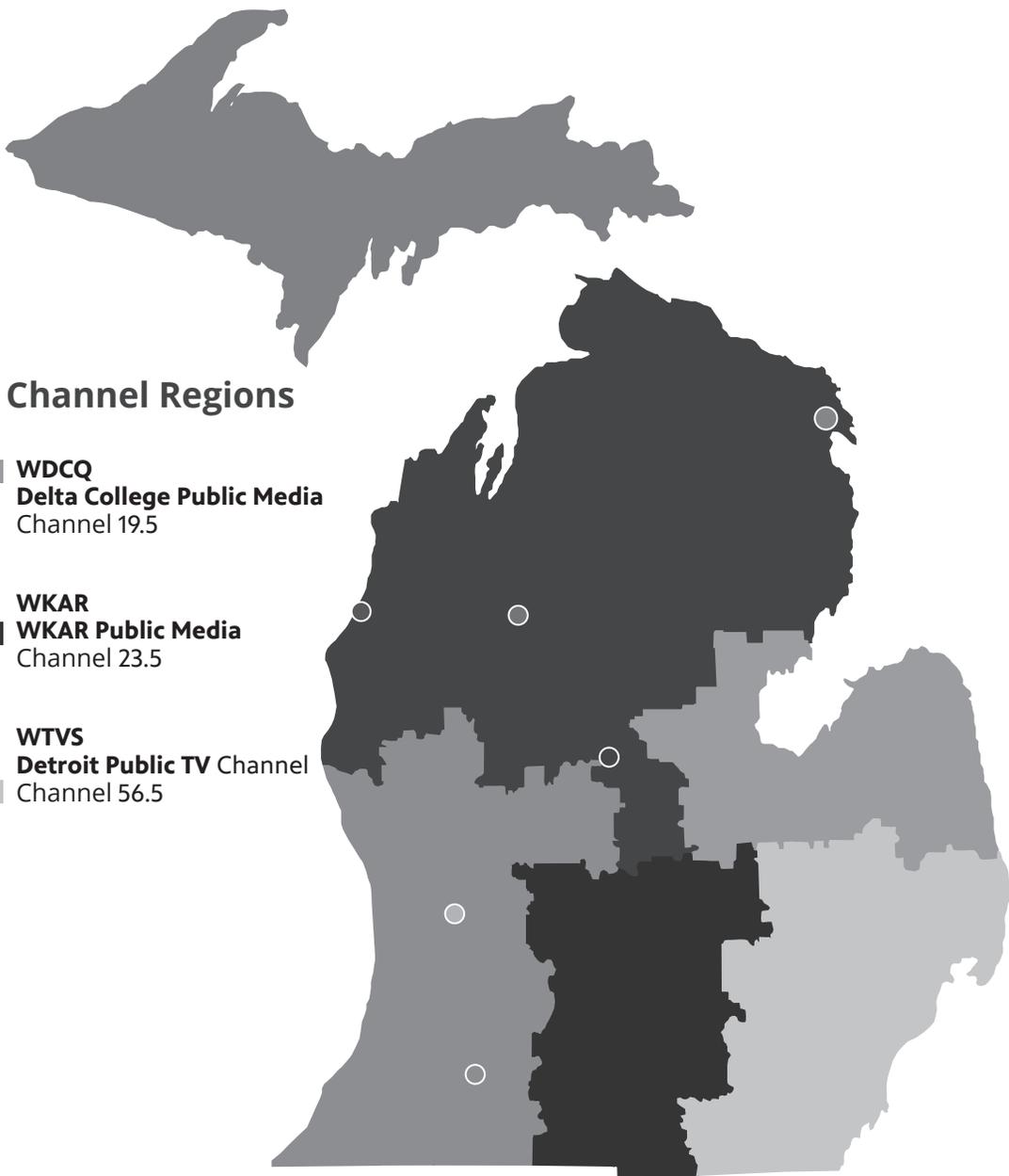
   Follow @MichLearning on social media to find out more.

# Local Events



The Michigan Learning Channel has Engagement Coordinators across the state that serve as your local connection to everything happening at our channel and at your local PBS station.

**Scan the QR code or visit [MichiganLearning.org/Coordinators](https://MichiganLearning.org/Coordinators) to learn more about our Engagement Coordinators and see their local event schedules by region.**



## Michigan Learning Channel Regions

■ **WNMU**  
**WNMU-TV**  
Channel 13.4

■ **WDCQ**  
**Delta College Public Media**  
Channel 19.5

■ **WCMU**  
**Alpena**  
Channel 6.4

■ **WKAR**  
**WKAR Public Media**  
Channel 23.5

■ **WGVU**  
**Grand Rapids**  
Channel 35.6

■ **WTVS**  
**Detroit Public TV** Channel  
Channel 56.5



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**[www.michiganlearning.org/summer](https://www.michiganlearning.org/summer)**

   Follow @MichLearning on social media to find out more.



# Where to Find the Michigan Learning Channel

Find your favorite shows anywhere you go!

## From the QR Codes:

Scan any of the QR codes in this book to see the accompanying video right on your device.

## On Demand:

Video lessons and activities at [MichiganLearning.org](https://MichiganLearning.org)

Click your grade level for this week's selected lessons

Or, use "Find a Lesson" to search by grade, subject, and educational standard

## On the App:

Find shows on the free PBS app

The PBS App is available for mobile devices, Roku, Apple TV, and on many Smart TVs.

Search for Read Write Roar, Math Mights, Extra Credit, DIY Science Time, Wimee's Words, InPACT at Home, Simple Gift Series, and more great programs.

## On the Livestream:

Watch the 24/7 livestream at [MichiganLearning.org/live-tv](https://MichiganLearning.org/live-tv)

## On TV:

Find us on broadcast television with an antenna



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Learn more about the Michigan Learning Channel at  
**Facebook Live at [fb.me/michlearning](https://fb.me/michlearning)**  
**[www.michiganlearning.org/summer](https://www.michiganlearning.org/summer)**

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# WEEKDAY SUMMER SCHEDULE

TIME	GRADE	WHAT'S ON
6AM	<b>Pre-K</b>	Wimee's Words, Simple Gifts Series, Signing Time, PBS Kids Shows
7AM		Let's Learn
8AM	<b>Kindergarten</b>	Read, Write, ROAR!, Math Might's and more
9AM	<b>1st Grade</b>	
10AM	<b>2nd Grade</b>	
11AM	<b>3rd Grade</b>	
12:30PM - 1:30PM	<b>4th - 5th Grade</b>	Lunch Time Block: Live From the Opera House, Camp TV, Story Pirates TV, Math & Movement
1:30PM - 3PM	<b>Pre-K</b>	Wimee's Words, Simple Gifts Series, Signing Time, PBS Kids Shows
3PM - 6PM	<b>4th - 8th Grade</b>	Afternoon Block: Make48, Make it Artsy, Extra Credit, Into the Outdoors DIY Science Time, Curious Crew, Story Pirates TV, SciGirls
6PM - 7PM	<b>Kindergarten - 3rd Grade</b>	Read, Write, ROAR!, Math Might's and more
7PM - 8PM		Local Shows and Quiet Time Block: Live From the Opera House, Camp TV, AADL Storytime
8PM - 9PM	<b>7th - 12th Grade</b>	Road Trip Nation, Great Lakes Now, Destination Michigan, Startup, Native Report, National and Local PBS Specials
9PM - 6AM		PBS programs related to educational standards

**Details at [MichiganLearning.org/schedule](https://MichiganLearning.org/schedule)**

rev 03/23

**WATCH on the Michigan Learning Channel.**  
 Episodes are available on-demand or stream the channel at  
[MichiganLearning.org/summer](https://MichiganLearning.org/summer)

Visit [MichiganLearning.org](https://MichiganLearning.org)  
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 on social media to find out more.





# App Learning Goals

## MULTIPLE LEARNING GOALS GRADES PK-2



Free learning games with your favorite PBS KIDS characters anytime, anywhere!



Thousands of free videos from PBS KIDS, the #1 educational media brand for kids.

App	Grade	Learning Goals
Daniel Tiger for Parents (for parents & caregivers)	PK-K	Emotions, Self-Awareness & Relationships
Jet's Bot Builder	K-2	Science & Engineering
Molly of Denali	K-2	Literacy
Nature Cat's Great Outdoors	K-2	Science
PBS KIDS ScratchJr	1-2	Critical Thinking & Coding
PBS Parents Play & Learn	PK-K	Literacy & Math
Photo Stuff with Ruff	K-2	Science
Play and Learn Engineering (for parents & caregivers)	PK-K	Science & Engineering
Play and Learn Science (for parents & caregivers)	PK-K	Science
Ready Jet Go! Space Explorer	K-2	Science
Ready Jet Go! Space Scouts	K-2	Science & Engineering
The Cat in the Hat Builds That!	PK-K	Science & Engineering
The Cat in the Hat Invents	PK-K	Science & Engineering



**FREE APPS**  
at [pbskids.org/apps](https://pbskids.org/apps)



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# Week 1: Take Flight

June 24-30

From planes and kites to butterflies and birds, discover the fables and physics of things that fly.

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

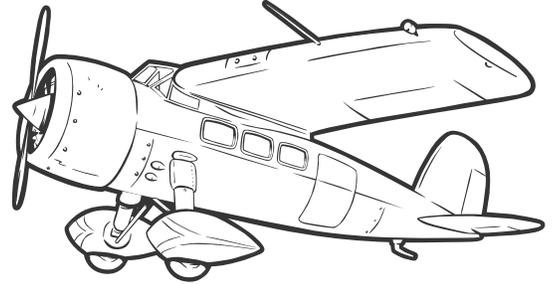
Scan the QR code or visit [www.michiganlearning.org/takeflight](http://www.michiganlearning.org/takeflight) to see the playlist of videos for this week.



 Spot a squirrel	 Do 60 mins. of activity	 Read for 20 minutes	Find the hidden items in Blown Away	Watch Read, Write, ROAR!
 Read for 20 minutes	 Watch Math Might	 Look for birds	Spot a plane in the sky	 Do 60 mins. of activity
 Do 60 mins. of activity	Watch Wimee's Words	 HAVE FUN! (Free Space)	 Fly a kite	 Read for 20 minutes
Watch Read, Write, ROAR!	Make a helicopter from paper	 Watch Math Might	Watch InPACT at Home	Watch Wimee's Words
Watch InPACT at Home	 Read for 20 minutes	Pretend to be a butterfly	 Do 60 mins. of activity	Try Amelia Earhart's Word Find



# Amelia Earhart's Travelling Word Find



Help Amelia find all the words related to her travels!

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

**PLANE**

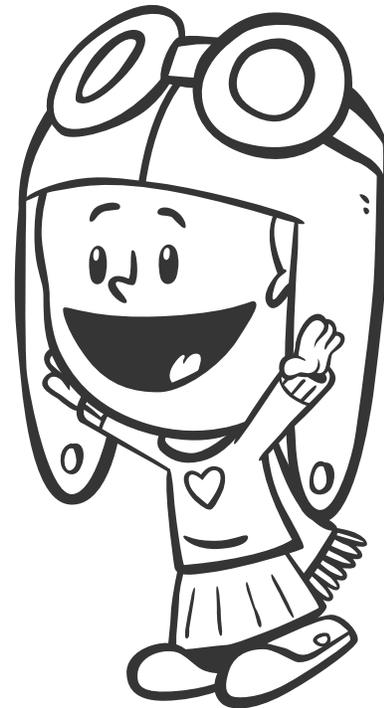
**FLYING**

**PILOT**

**SKY**

**PACK**

**FUN**



Find more games and activities at [pbskids.org/xavier](https://pbskids.org/xavier)

Produced by:



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Based on Brad Meltzer and Christopher Eliopoulos' best-selling kids book series



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# Blown Away

Name \_\_\_\_\_

We were having fun in the yard until the wind blew our stuff all over the place! Now I can't find my hat! My ukulele! And all this other random stuff! Help me find:



As you find things, number them so we can see they're all there. Then color the whole scene.



### PARENTS: CLUES YOU CAN USE to help kids find...

- Peg's hat - It's **on top of** a hydrant.
- Peg's uke - It's **upside down**, leaning against the fence.
- 1 number 5 - It's on the **front** of Connie's house.
- 1 fish - It's on my roof.
- 6 bones - Check Cat's drawing, a roof, **under** a house, **beside** the same house, **on the front** of Viv's house, and **under** a very Big Dog.
- 1 number 7 - It's just **beyond** a fence.
- 5 marbles - Find them on a wheel, in the sky, on a necklace, on Viv's roof, and on a house **beyond** a 7.

Find more games and activities at [pbskidsforparents.org](http://pbskidsforparents.org)



# ACTIVITY GUIDE

Episode 201: Read, Write, Roar Pizzeria

Scan below to watch lesson



## Let's Write

Open a restaurant in your home! Work with your child to create a menu of what will be served for a meal in your household. Have your child present the menu to members of your household. As everyone selects their meal choices the student can write down the order.

Menu:

Meal order for \_\_\_\_\_:

Meal order for \_\_\_\_\_:



# ACTIVITY GUIDE

**Episode 202:** Precipitation starts with P

**Book:** *What Is Precipitation?* by Robin Johnson

Scan below to watch lesson



## Letter Heroes

Read the sentence out loud. Highlight or lightly color over the uppercase letter **P's** and lowercase letter **p's**.

Pp

I like playing in puddles!

The next time it rains, put on your boots and jump in a puddle.

## Words to Know

- **precipitation** - water that falls from the clouds
- **temperature** - tells us how hot or cold something is
- **rain** - liquid water that falls from clouds
- **snow** - solid water that falls from clouds when it is cold
- **sleet** - small hard ice pellets that falls from clouds
- **hail** - hard chunks of ice that falls from clouds

## Draw It

Draw the different kinds of precipitation falling from the clouds.



## Learning Goals

Identify and name shapes.



## What You'll Need

- Construction paper
- Wooden craft sticks
- Glue
- Googly eyes (optional)
- Markers or crayons
- Scissors

## Steps

- 1. Cut out shapes!** With the construction paper, cut out various shapes, including squares, circles, ovals and triangles. Look at the picture above for an idea of which shapes to make and what size.
- 2. Make a frog and bird!** After you've cut out the shapes, glue them together, using the picture above as a guide to make a frog and a bird. If you don't have googly eyes, use a marker or crayon to draw the eyes.
- 3. Make puppets!** Glue a wooden craft stick to the frog and the bird. Now you've got puppets!

## Watch Video



## Talk Together

- Tell me about the shapes we used to make the puppets.
- What happens to the circle when we cut it in half?

## Book Suggestion

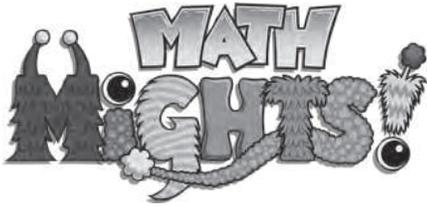
***Mouse Shapes/Figuras y ratones,***  
by Ellen Stoll Walsh

## Online Game

**Peg + Cat: The Highlighter Zone**

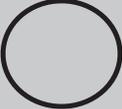
[pbskids.org/peg/games/highlight-zone/](https://pbskids.org/peg/games/highlight-zone/)

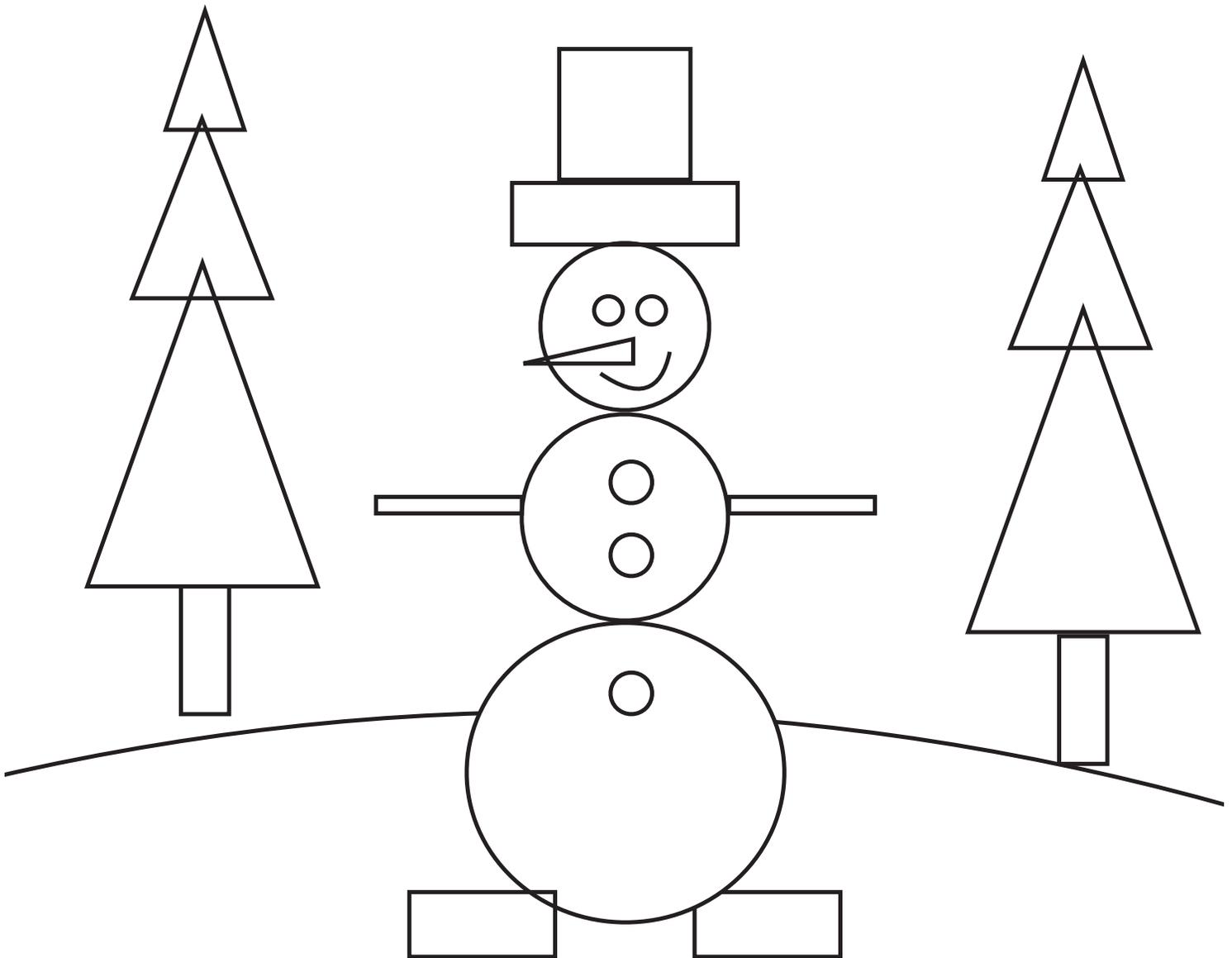
Find more fun activities at [pbsocial.org/familymath](https://pbsocial.org/familymath)



# Hunt For Shapes

**Direction:** Hunt for shapes in the picture. Record how many of each shape are in the picture.

	_____		_____		_____		_____
	.....		.....		.....		.....



# 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!

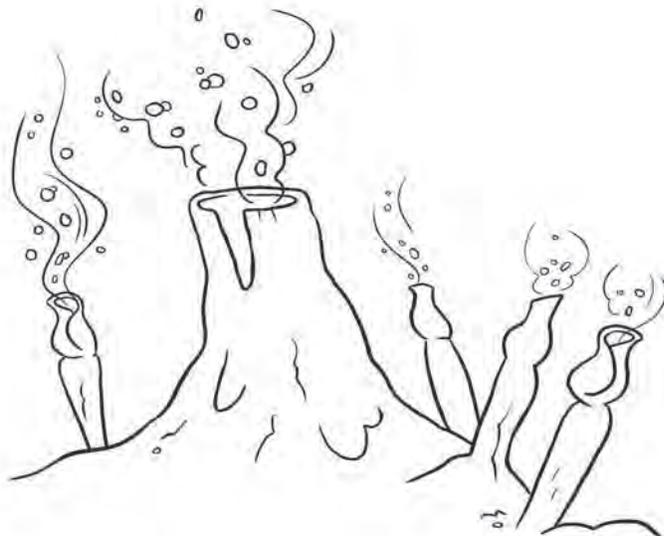
Scan the QR code or visit [www.michiganlearning.org/underwater](http://www.michiganlearning.org/underwater) to see the playlist of videos for this week.



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](http://pbskidsforparents.org)

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# Playing With Water

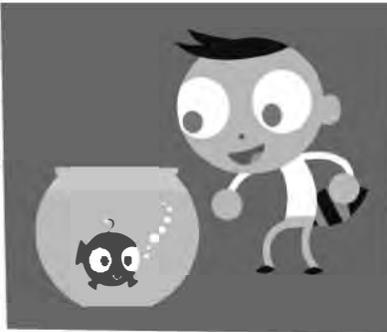
Water can be found in three different states: liquid, solid, and gas. Look at each picture and read the question below. What state is water in for each picture?

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

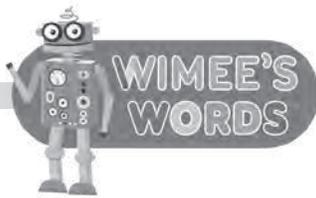


Dot and Del are playing in the snow.  
What kind of water is snow?

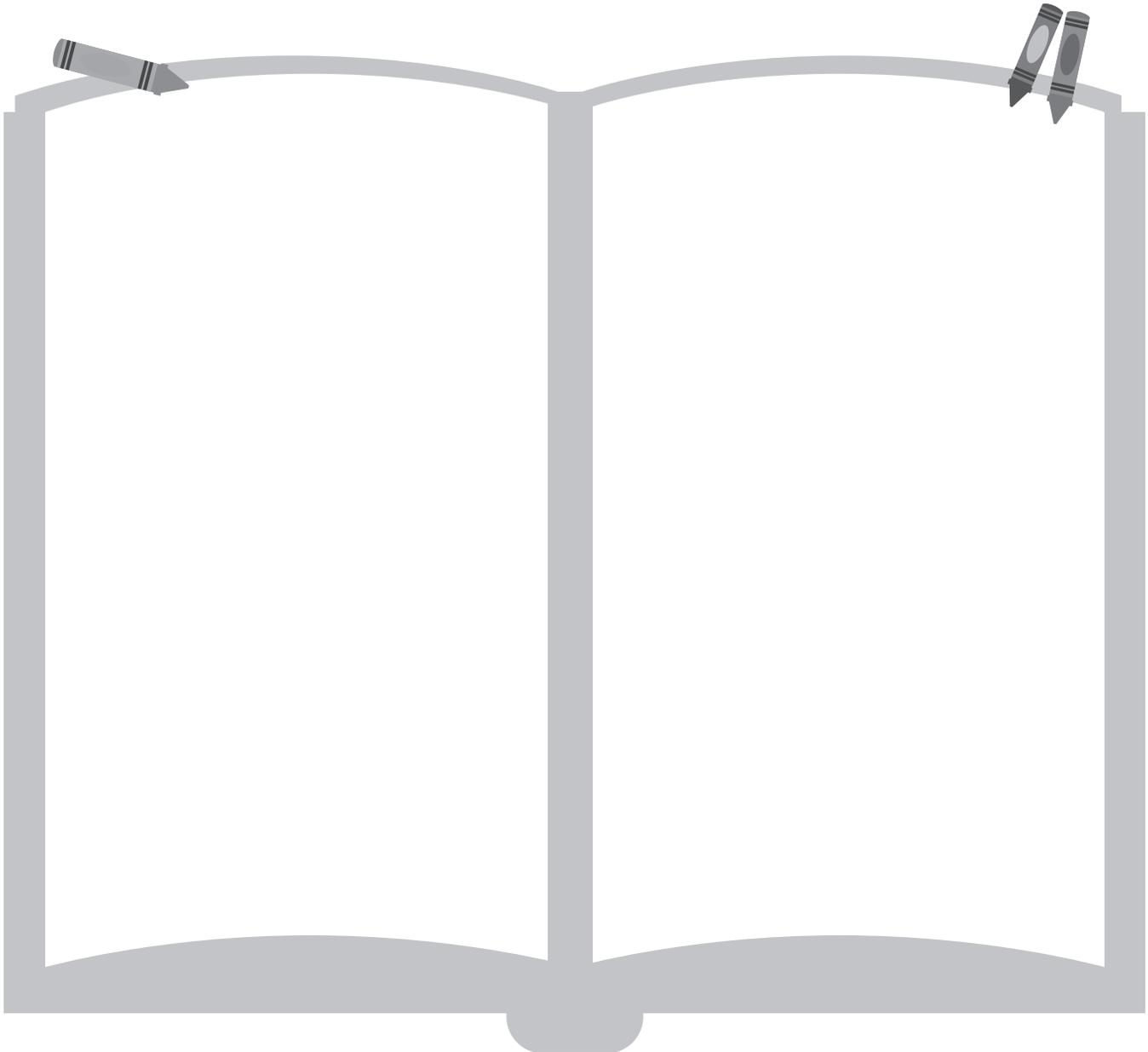


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**answer key: solid, liquid, gas, liquid, gas, solid**

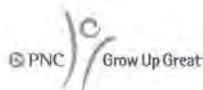


**This could be the most magical book in the world!  
Draw what's inside.**



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**WIMAGE**



**meijer**

# 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/](https://pbskids.org/curiousgeorge/busyday/rocket/)

Find more fun activities at [pbsocal.org/familymath](https://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!

## 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.

## 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**

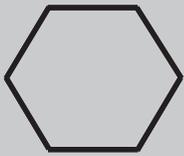


Look for the uppercase letter N and the lowercase letter n on street signs as you are riding in the car.



# 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



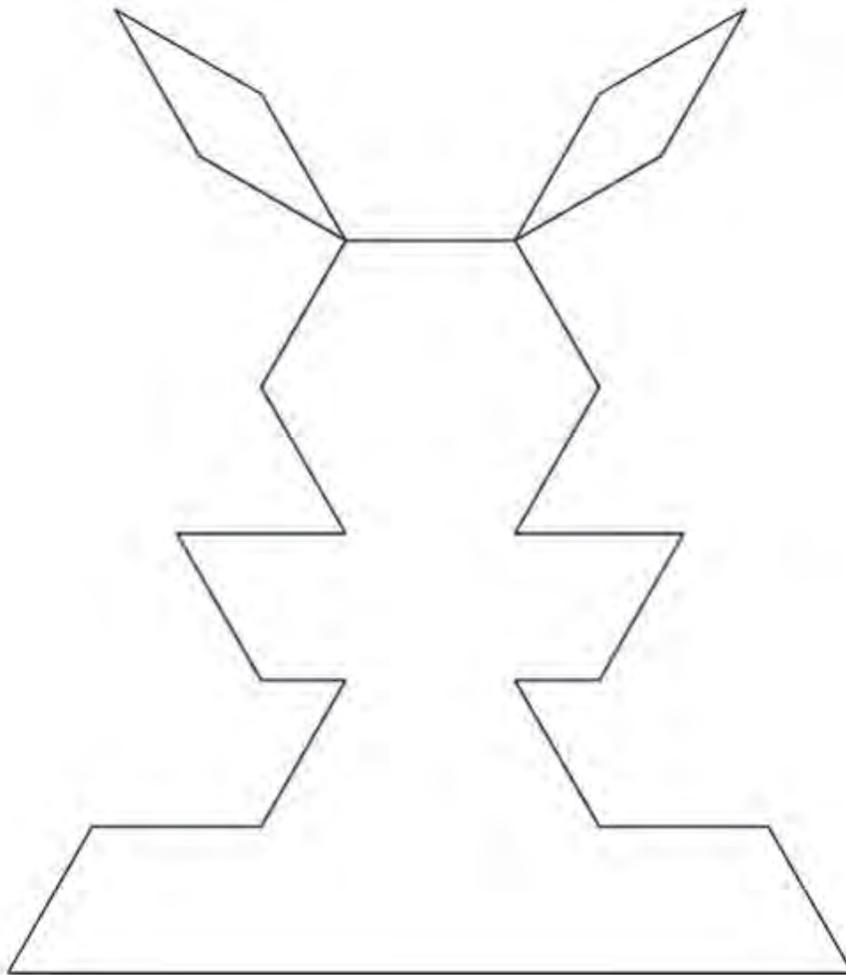
rhombus

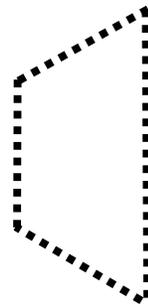
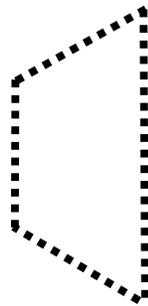
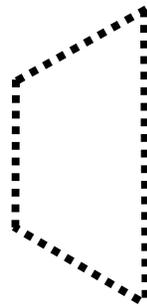
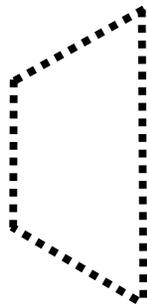
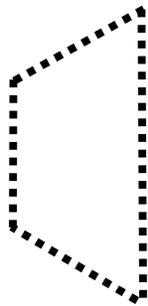
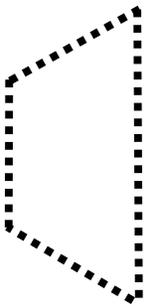
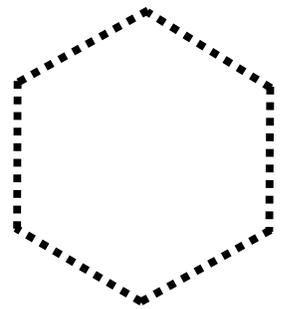
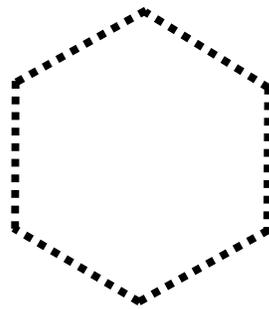
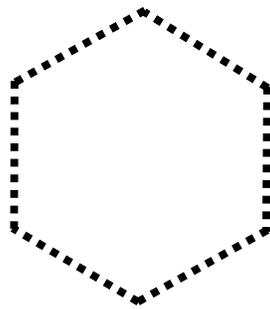
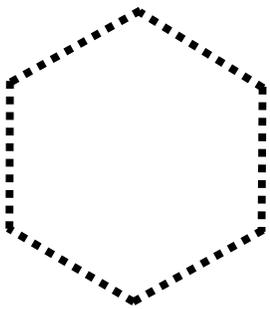
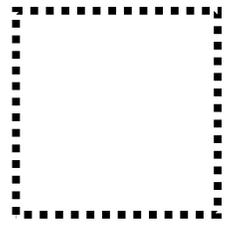
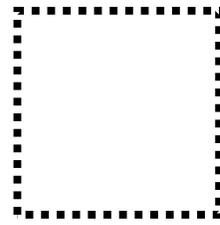
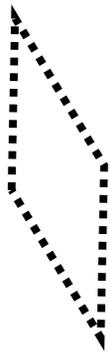
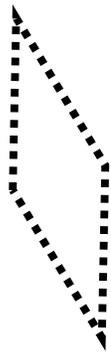
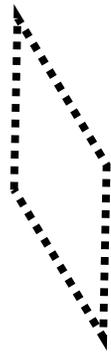
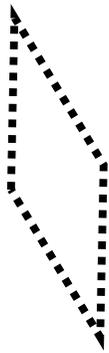
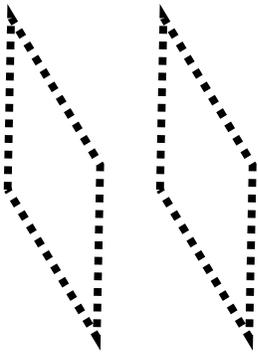
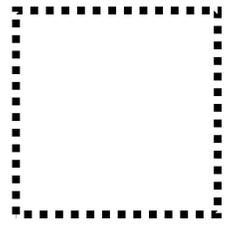
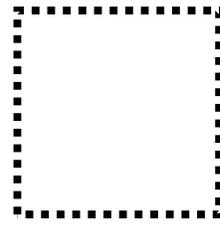
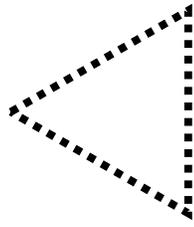
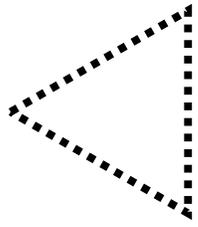
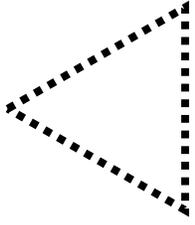
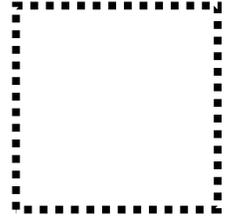
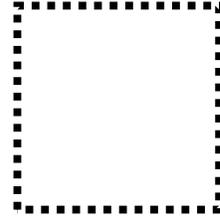
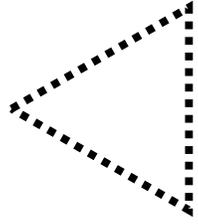
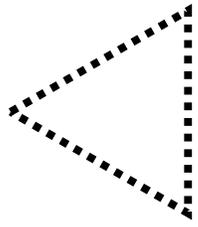
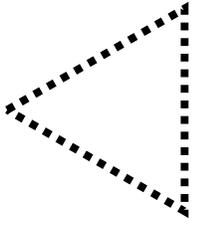


square



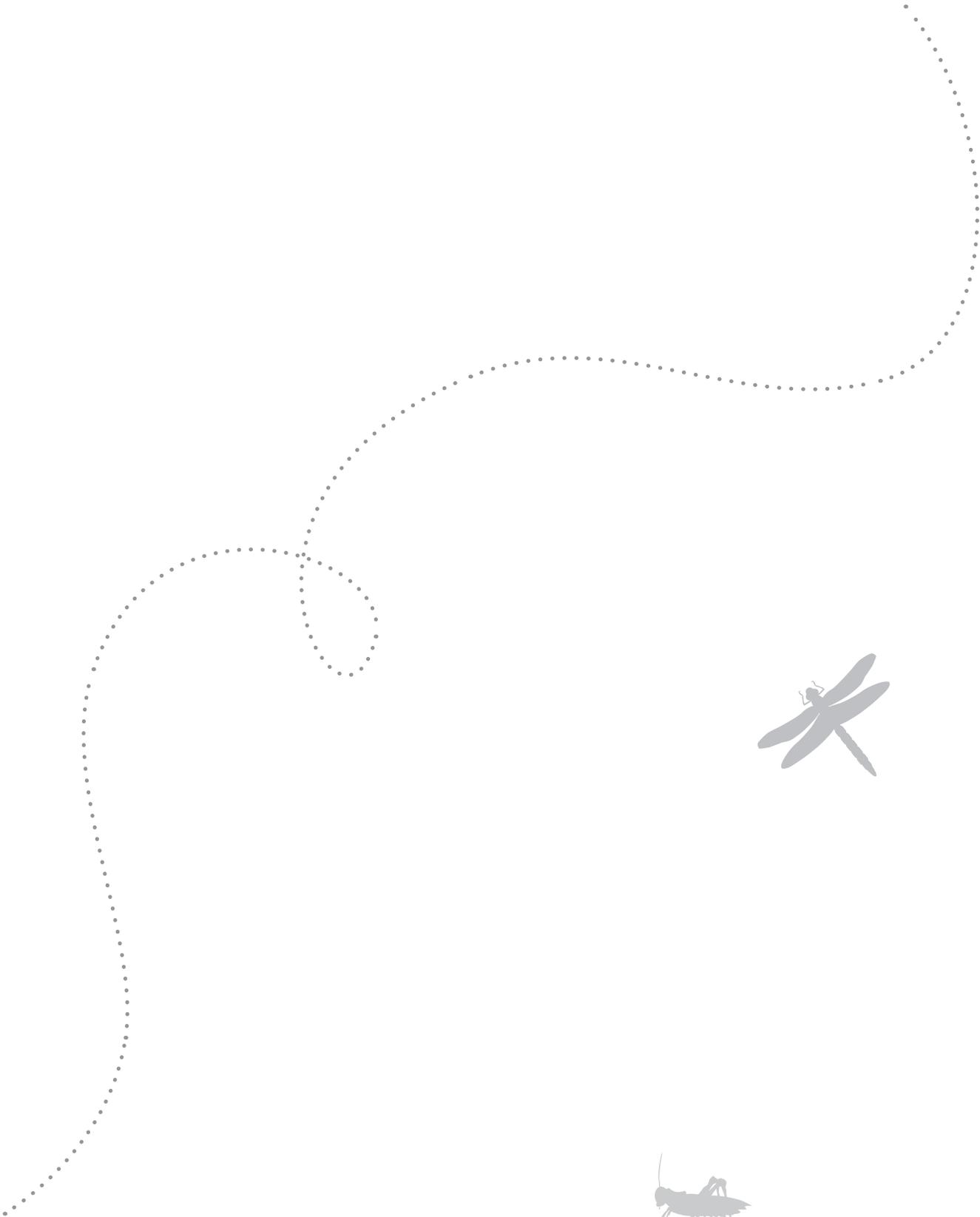
triangle







**This page was left blank to cut out the activity on the other side.**



# Week 3: Heroes

July 8-14

Celebrate our nation's birthday and the people we call heroes, whether they are veterans, everyday helpers, or the kind who wear capes.

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/heroes](http://www.michiganlearning.org/heroes) to see the playlist of videos for this week.



Pretend to be a superhero	 Do 60 mins. of activity	 Read for 20 minutes	Try yoga poses	Watch Read, Write, ROAR!
 Read 20 minutes	 Watch Math Might's	Watch Wimee's Words	Spot a mail truck outside	 Do 60 mins. of activity
 Do 60 mins. of activity	Watch Meet the Helpers	 HAVE FUN! (Free Space)	 Do a good deed	 Read for 20 minutes
Watch Read, Write, ROAR!	Spot a fire truck outside	 Watch Math Might's	Watch InPACT at Home	Watch Wimee's Words
Watch InPACT at Home	 Read for 20 minutes	 Do a good deed	 Do 60 mins. of activity	Try a new food



# Hero for a Day

Name \_\_\_\_\_



**If I were a hero for a day, I would be...**

\_\_\_\_\_

**I would spend the day...**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Find more games and activities at [pbskidsforparents.org](http://pbskidsforparents.org)

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# Award-Winning Spelling Skills

Name \_\_\_\_\_

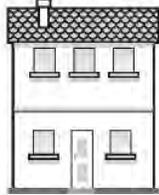
**WORDGIRL**



Show your spelling skills! Look at the pictures and say what each is out loud.

Circle the letter that represents the sound that each picture starts with.

Practice your spelling skills and write the name of the object in each box.

 <p><b>R P T</b></p>	 <p><b>B Y D</b></p>	 <p><b>J H K</b></p>
 <p><b>P L T</b></p>	 <p><b>P K G</b></p>	 <p><b>S C T</b></p>
 <p><b>M L B</b></p>	 <p><b>S D E</b></p>	 <p><b>C F D</b></p>

Key:  
Top Row: Table, Book, House  
Middle Row: Pencil, Key, Sandwich  
Bottom Row: Bus, Suitcase, Dog



For more games and activities visit [pbskidsforparents.org](http://pbskidsforparents.org)



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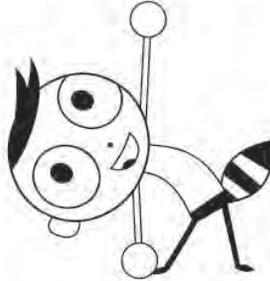


# Yoga Poses

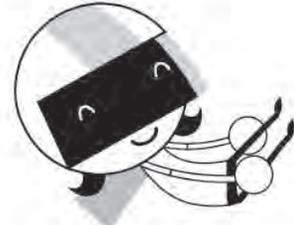
Practice these kid-friendly yoga poses.



**belly breathing**



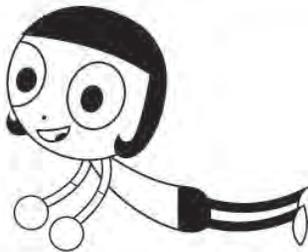
**triangle pose**



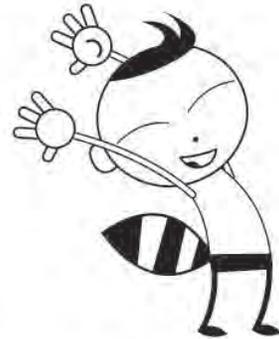
**boat pose**



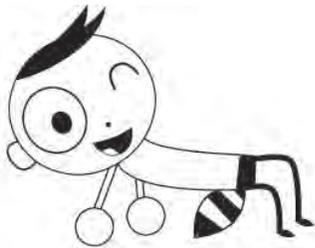
**tree pose**



**cobra pose**



**waterfall pose**



**crab pose**



**frog pose**



**zero pose**

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# ACTIVITY GUIDE

Episode 203: Who Works at the Library?

Scan below to watch lesson



## Let's Write

Pick a book that your child has read either with you or on their own.

Have your child circle the thumbs up if they like the book or a thumbs down if they do not like it. Then, in the Let's Draw Section, have your child draw a picture to show why they either like it or do not like it.



## Let's Draw



# ACTIVITY GUIDE

**Episode 206:** Storms and the Letter S

**Book:** *Thunder and Lightning* by Wendy Pfeffer

Scan below to watch lesson



## Draw It

Draw a picture of what you may see during a thunderstorm.



Ask an adult to help you create a list of clothing you can wear in the rain..

## Letter Heroes

The word **storm** begins with the letter **s**.

# Ss

Highlight or lightly color over the uppercase letter **S's** and lowercase letter **s's** in the sentence below.

**When I stepped outside, it started to storm.**

## Write It

Have an adult help you read the following words out loud. Unscramble the words to make a sentence. Write the words on the lines below.

when

can

storms.

it

stay

safe

I

inside

\_\_\_\_\_

\_\_\_\_\_

# Superhero Cape and Mask

This activity explores



**Shapes**

## Learning Goal

Explore and compare different kinds of shapes.



## What You'll Need

- Adult T-shirt
- Scissors
- Construction paper
- Glue
- Markers

## Steps

- 1. Make a cape!** Cut off the T-shirt's sleeves. Cut down both sides of the T-shirt, from the armpits to the hem, leaving the collar intact. Open the T-shirt so it looks like a long rectangle with a circle in the middle. Cut off one side, around the collar. Make your superhero emblem with construction paper and glue it on.
- 2. Make a mask!** Trim a leftover sleeve to fit over your face, and cut out 2 small circles for eye holes and 2 small diagonal slits for the nostrils.
- 3. Be a superhero!** Find, "rescue" and collect at least four different shapes – for example, a napkin that's a square or a ball that's a sphere. Practice identifying the names of the shapes and describing their characteristics.

## Watch Video



## Talk Together

- How are the shapes alike and different?
- What shapes have straight or curved lines?

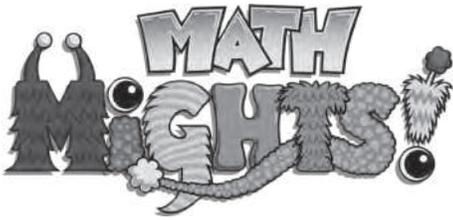
## Book Suggestion

*Bear in a Square/Oso en un cuadrado,*  
written by Stella Blackstone and illustrated by Debbie Harter

## Online Game

**Peg + Cat: Paint-a-Long**  
[pbskids.org/peg/games/paint-a-long/](https://pbskids.org/peg/games/paint-a-long/)

Find more fun activities at [pbsocal.org/familymath](https://pbsocal.org/familymath)

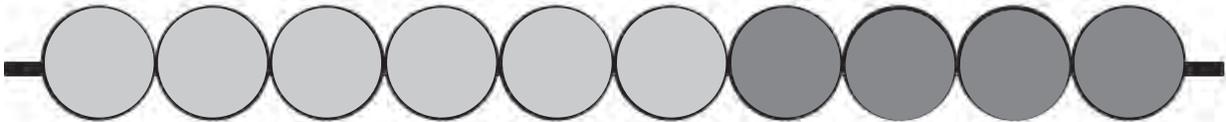


## Represent the Equation

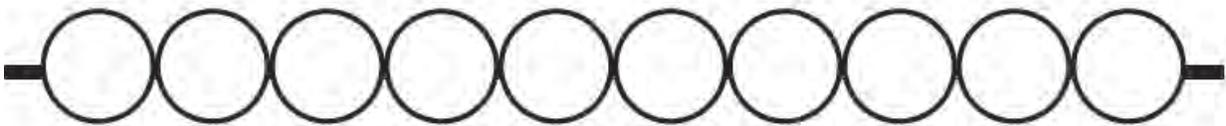
**Directions:** Using two different colors fill in the Counting Buddy Senior to represent the equation.



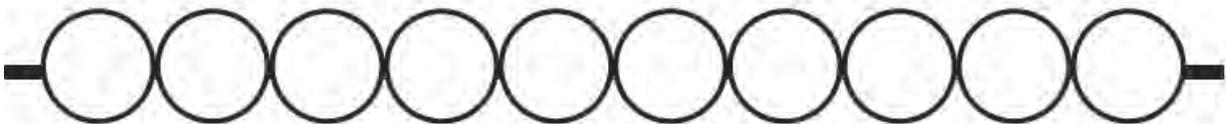
Example:  $10 = 6 + 4$



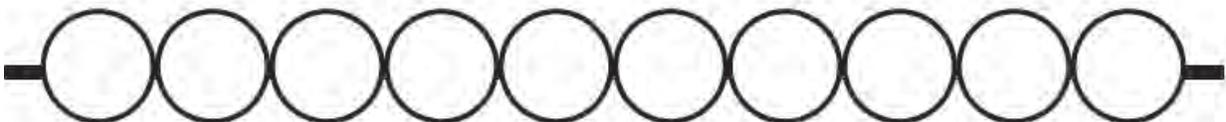
$10 = 5 + 5$



$10 = 7 + 3$



$10 = 1 + 9$



# Week 4: Creatures

July 15-21

From the prehistoric to the present, learn about the fascinating features of creatures near and far.

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/creatures](http://www.michiganlearning.org/creatures) to see the playlist of videos for this week.



Be curious with Elinor Winders Why	 Do 60 mins. of activity	 Read for 20 minutes	Make tracks with Nature Cat	Watch Read, Write, ROAR!
 Read for 20 minutes	 Watch Math Might	 Track the weather	Ask a family member about their job	 Do 60 mins. of activity
 Do 60 mins. of activity	Watch Wimee's Words	 HAVE FUN! (Free Space)	Catch a firefly	 Read for 20 minutes
Watch Read, Write, ROAR!	 Go fishing	 Watch Math Might	Watch InPACT at Home	Watch Wimee's Words
Watch InPACT at Home	 Read for 20 minutes	Try a new food	 Do 60 mins. of activity	Practice your dinosaur ROAR!

# Let's Be Curious!

(name)

What do you want to know more about?

# Let's Plan!



What will you do to investigate? What tools and materials will you use?  
What senses will you use to observe? How will you stay safe?

# Let's Explore!

Record what you observe or discover:

A large, empty rectangular box with a thin black border, intended for recording observations or discoveries.



I noticed...

# Let's Share!

Talk about what you noticed.  
What else are you interested in investigating?  
What do you wonder about now?



I wonder...



Visit [pbskids.org/elinor](http://pbskids.org/elinor)

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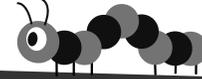


Funded by





# Make Tracks With Crayons



**When you walk in wet sand, snow or mud, you leave behind a footprint. Animals do, too! We call those prints "tracks" and you can look for them on the ground the next time you're exploring!**

**You can also make your own tracks to compare with friends, your pet, or one of the NATURE CAT gang! Using crayons or markers, make YOUR nature tracks to create an artistic masterpiece!**

## What You Need:

- Crayons or markers
- Colored paper pieces
- Poster board (if you want to make a collage of tracks)
- Safety scissors
- Tape or glue

## What to Do:

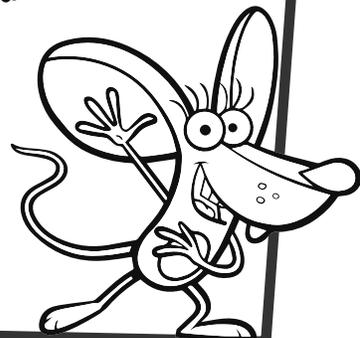
**1. Trace your hand:** Hold your hand very still and ask a friend or an adult to trace your hand with a crayon or marker.

**2. Switch places:** Now help your friend trace his or her hand.

**3. Trace your foot:** Stand on your paper and ask your friend to trace your foot.

**4. Color your tracks:** Use crayons or markers to color in your tracks however you like!

**5. Make tracks:** Trace more handprints and footprints. Cut out each one and paste it to the poster board to make a collage.



**Find more games and activities at [pbskids.org/naturecat](https://pbskids.org/naturecat)**

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# The Weather in My Neighborhood

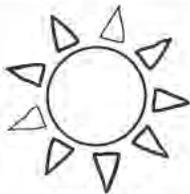
Name \_\_\_\_\_

**What is the weather like outside?  
Is it sunny, rainy, cloudy or windy?**

Meteorologists study the weather. This week, help chart the weather conditions. Each day, look out your window and draw a picture of the weather outside.

Monday	Tuesday	Wednesday	
Thursday	Friday	Saturday	Sunday

**KEY:**



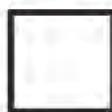
**Sunny**



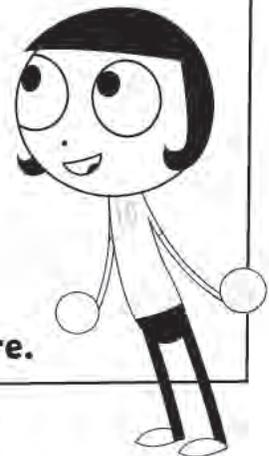
**Rainy**



**Cloudy**



**Windy**



**Count how many days of each type of weather there were.**

Find more games and activities at [pbskidsforparents.org](http://pbskidsforparents.org)

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# ACTIVITY GUIDE

Episode 204: Wash Up!

Scan below to  
watch lesson



## Let's Draw

Have your child draw a picture of one of the following:

- \*What they do to help around the house
- \*What they like to do at school
- \*What they like to do when they play with their friends

## Let's Sing

With your child, write words to a song about their drawing. Use a familiar tune like "Wheels on the Bus" or "Old McDonald had a Farm" or choose from any other familiar favorite.



# ACTIVITY GUIDE

**Episode 208:** W is for Wild Weather  
**Book:** *What is a Hurricane?* By Robin Johnson

Scan below to watch lesson



## Letter Heroes

Read the sentence out loud.  
Highlight or lightly color over the uppercase letter **W's** and lowercase letter **w's**.

Ww

What are hurricanes, and how can we stay safe?

## Words to Know

**hurricane** - huge storms with strong, swirling winds

**severe weather** - dangerous weather that can hurt people and animals

**evacuate** - to leave a place of danger

**supply kit** - provides food, water, blankets, and other items you need if you have to evacuate

## Label It

Label each item you can find in a supply kit. Draw a line from each word to the item it describes. You can even use these items to make your own supply kit.

water    blanket    radio    canned food





## Learning Goals

Recognize groups of two, three and five dots; practice counting; identify shapes of different sizes.



## What You'll Need

- Red and black construction paper
- Glue stick
- Black markers or crayons
- Scissors
- Googly eyes

## Steps

- 1. Make the wings!** Trace a circle on red paper and cut it out. Cut in half to make wings. Add 2 dots on one wing and 3 on the other, or 1 dot on one wing and 4 on the other.
- 2. Make the body!** Cut out two black circles, a big one for the body and a smaller one for the head, and glue the small one on top of the large one. Glue on the wings.
- 3. Add legs and antennae!** Cut 8 thin rectangles out of black paper. Glue 2 to the head for antennae, and 6 on the body for legs. Finish with googly eyes.

## Watch Video



## Talk Together

- How many antennae are there? How many eyes?
- Without counting, how many dots can you see? How did you figure out there were five dots?

## Book Suggestion

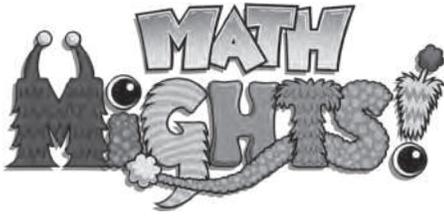
**123,**  
by Eric Carle

## Online Game

**Curious George: Bug Catcher**

[pbskids.org/curiousgeorge/busyday/bugs/](https://pbskids.org/curiousgeorge/busyday/bugs/)

Find more fun activities at [pbsocal.org/familymath](https://pbsocal.org/familymath)



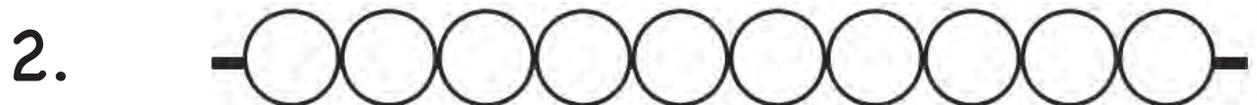
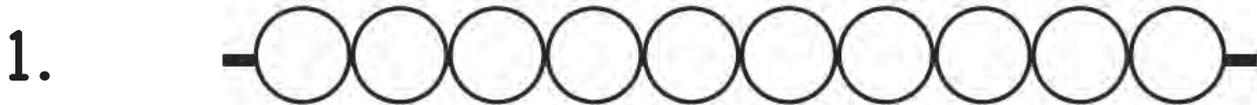
## Make 10 With The Counting Buddy

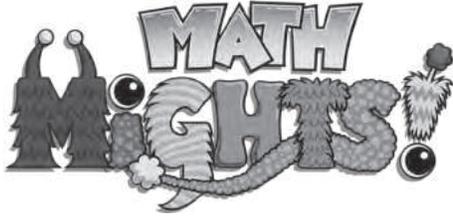


**Materials:** dice, two different colored crayons, recording sheet for each player

**Directions:**

1. Play with a partner. Player 1 rolls the dice and colors in that number on the Counting Buddy.
2. Player 2 determines how many more are needed to make 10 and colors in the remaining circles with a different color.
3. Both partners fill in the equation on their recording sheet to show the 2 parts that make the 10.

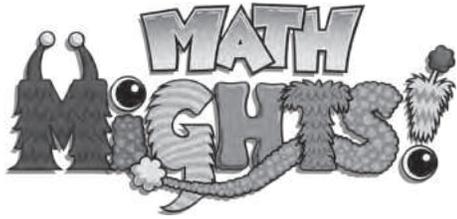




# Recording Sheet Player 1



1.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
2.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
3.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
4.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
5.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$



# Recording Sheet Player 2



1.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
2.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
3.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
4.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$
5.	$10 = \underline{\quad\quad\quad} + \underline{\quad\quad\quad}$

# Week 5: Engineering

July 22-28

Meet the people who design bridges, cars, and video games and learn how to think like an engineer.

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/engineering](http://www.michiganlearning.org/engineering) to see the playlist of videos for this week.

Spot a bridge outside	 Do 60 mins. of activity	 Read for 20 minutes	Draw with Scribbles and Ink	Watch Read, Write, ROAR!
 Read 20 minutes	 Watch Math Might's	Build a Birdbath with Ruff Ruffman	Watch Wimee's Words	 Do 60 mins. of activity
 Do 60 mins. of activity	Watch Wimee's Words	 HAVE FUN! (Free Space)	Pretend to be a racecar driver	 Read for 20 minutes
Watch Read, Write, ROAR!	Build using outdoor materials	 Watch Math Might's	Watch InPACT at Home	Draw a family member's car
Watch InPACT at Home	 Read for 20 minutes	Design a robot from the future	 Do 60 mins. of activity	Try a new food



# Build a Better Birdbath



## It's all in the column!

After a birdbath mishap, Ruff wonders if a different column would make it stronger. Which shape would support the most weight?

Help Ruff build a better birdbath. Using paper and books, investigate with three different birdbath models to find the strongest design.

### Materials:

- Column templates
- Tape
- Books

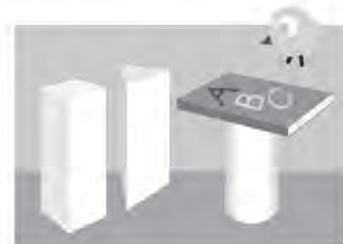
### Instructions:

- 1) Print the column templates (on the following pages) and construct three different shaped columns—square, triangle, and circle.
- 2) On a hard surface, stand the three columns on end. Can you predict which shape is the strongest?
- 3) Place a book on top of the first column to create a birdbath platform. Now place that same book on the second and third columns. Did any of the columns support the book?
- 4) Now try placing two or three books on the remaining columns. To keep the weight equal, stack the same books on each column. Which was the strongest? Was your prediction correct?

**REMEMBER:** Columns are most stable with a balanced load. Place the books evenly on top of each column.

### More Ways to Play:

- Can you build a structure that holds three or more books?
- Try using more than one column.
- Try using different types of paper.



For more fun, visit [pbskidsforparents.org](http://pbskidsforparents.org)



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# Square Column

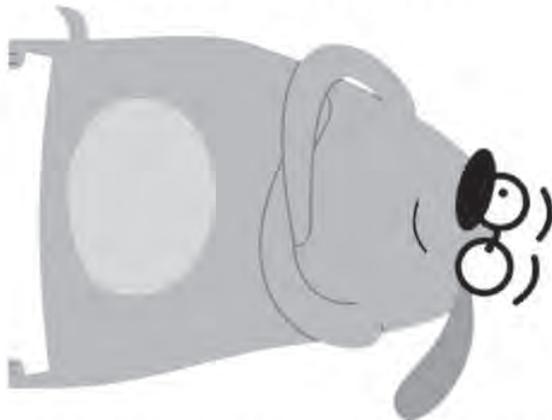
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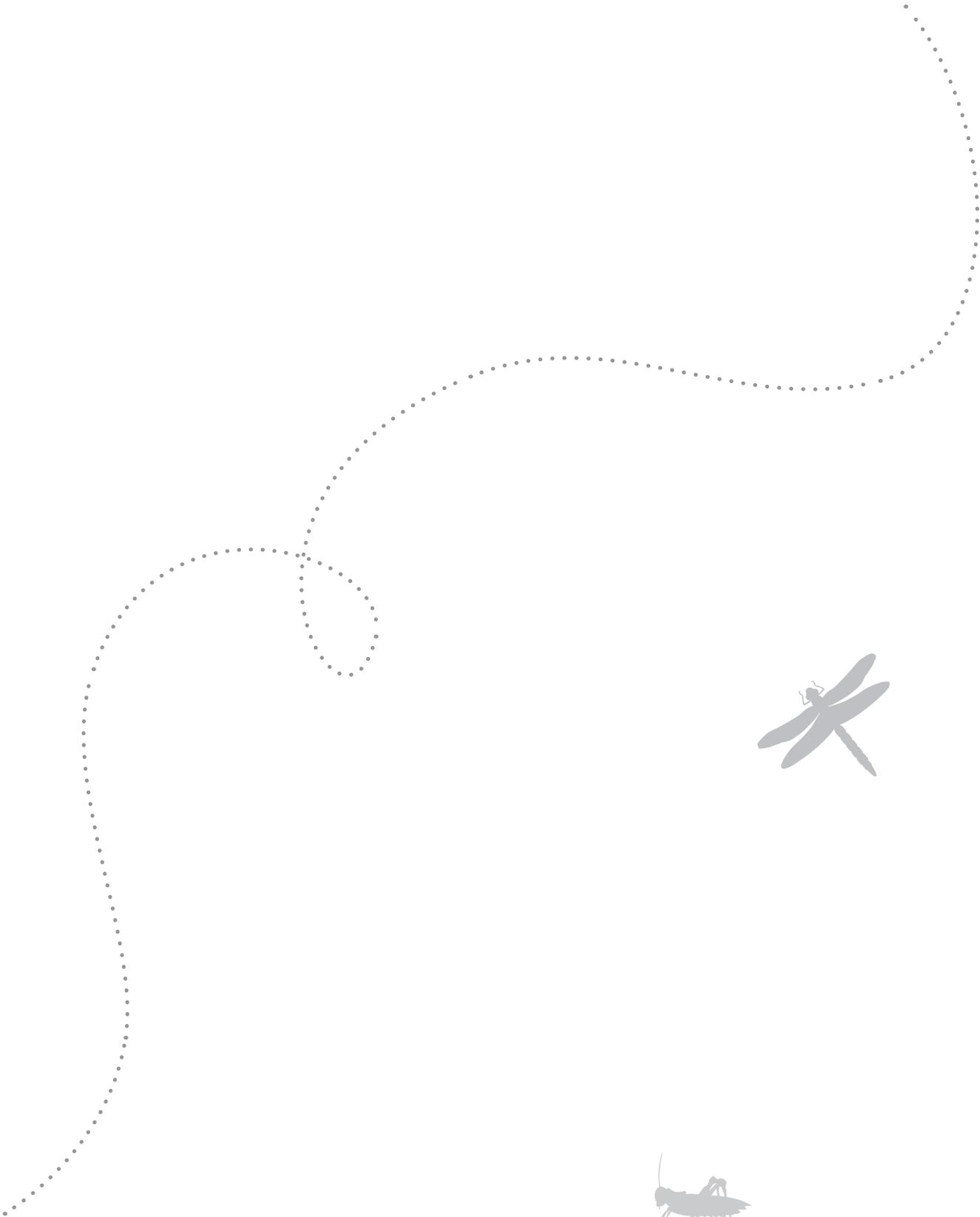


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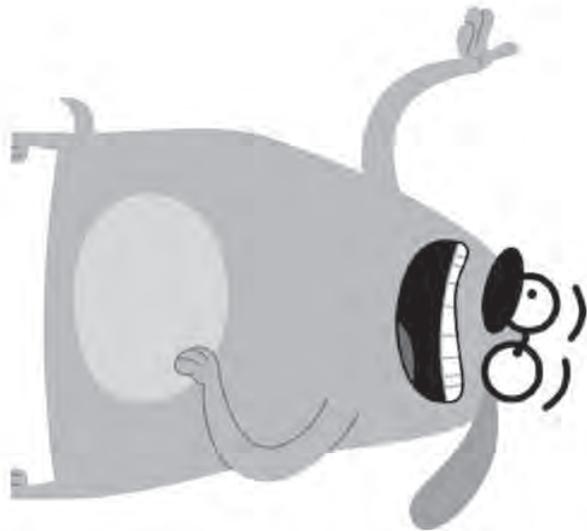


# Triangle Column

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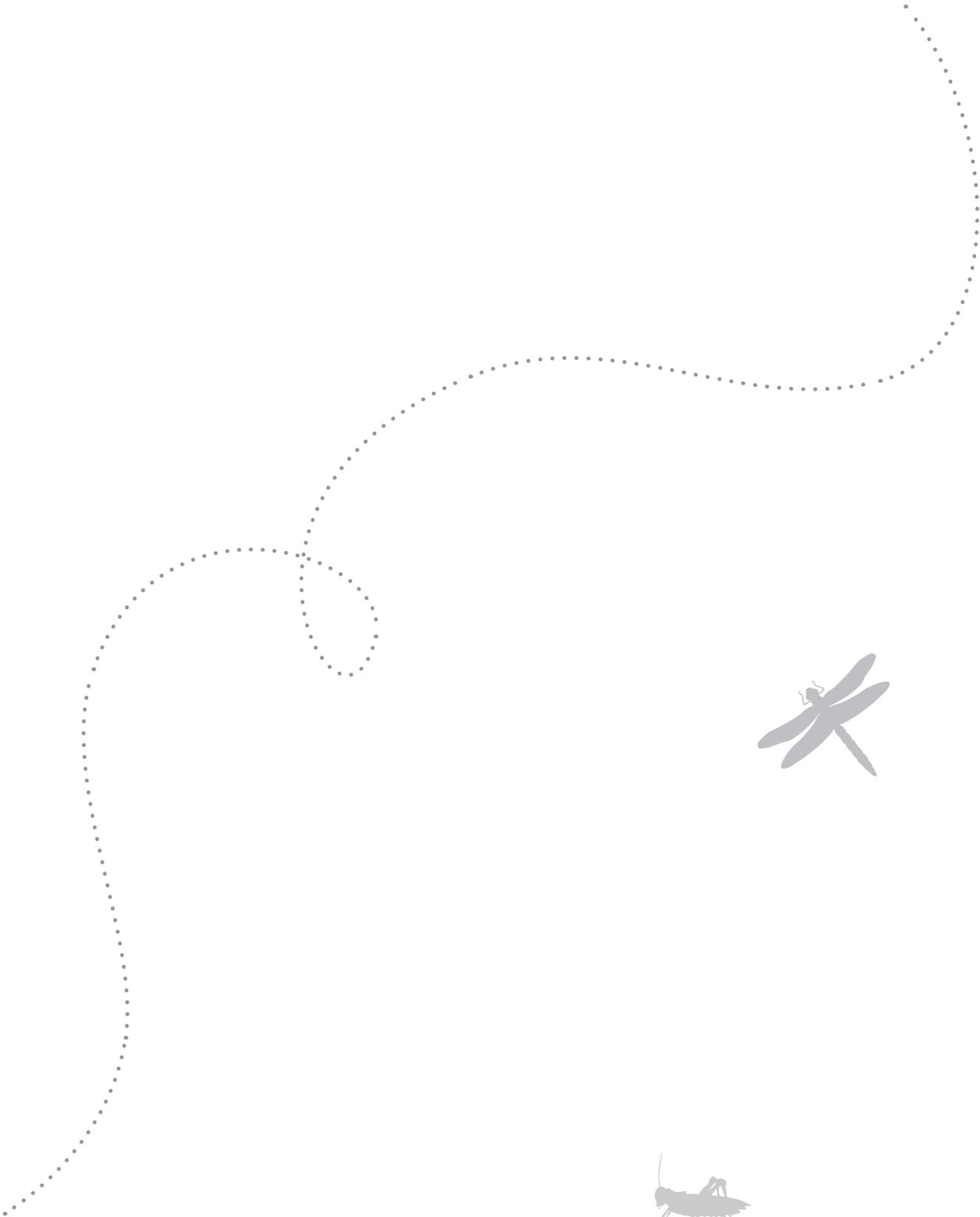
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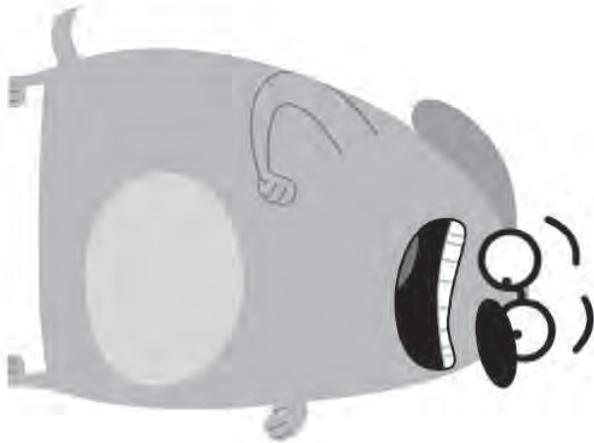
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# Circle Column

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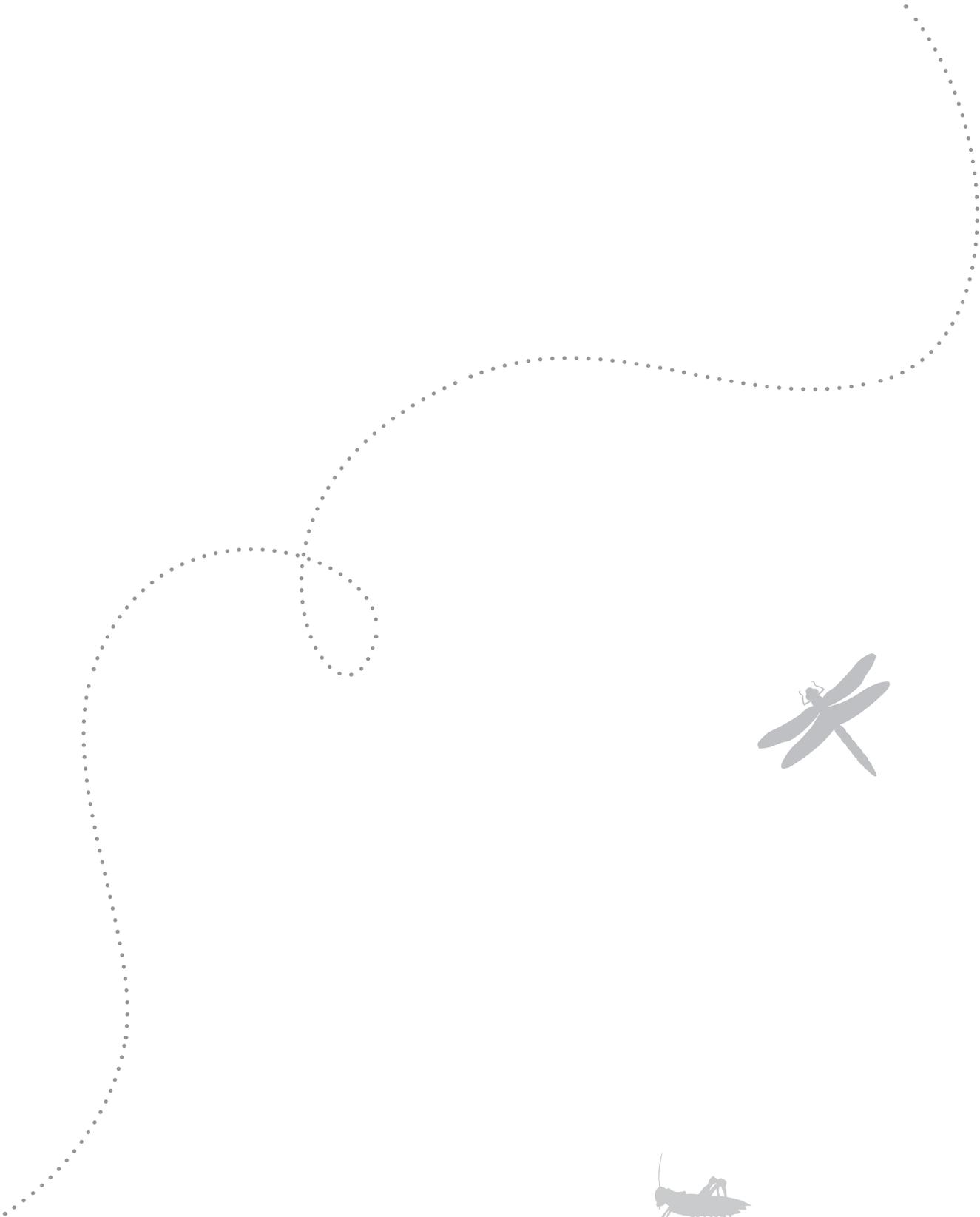
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# THE SCRIBBLE GAME

Scribbles  
and  
Ink



Here's a scribble.  
What could it be?



Add onto this  
scribble and  
then pass it to  
a friend.



[pbskids.org](http://pbskids.org)



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# ACTIVITY GUIDE

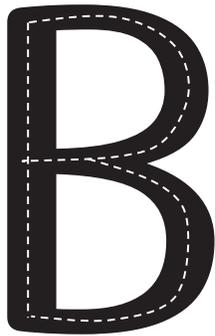
Episode 205: B is for Builders

Scan below to  
watch lesson



## Let's Write

Have your child practice writing the (uppercase) letter B like in the word Builders. Start at the top and make a straight line down. Then make a little curve at the top and a little curve at the bottom.



## Let's Talk

Talk to your child about the Michigan State Capitol Building in Lansing, Michigan that is pictured below. What do they notice about how it looks. What do they like about its design and what do they not like about its design. What would they have done differently if they had built it?





# ACTIVITY GUIDE

**Episode 210:** Tornadoes and the Letter I

**Book:** *What is a Tornado?* By Robin Johnson

Scan below to watch lesson



## Letter Heroes

Read the sentence out loud. Highlight or lightly color over the uppercase letter **I's** and lowercase letter **i's**.

**Ii**

A tornado is a huge, spinning tower.

What types of severe storms does Michigan have?

## High Frequency Words

what do

Underline the high frequency words **what** and **do** in the question below.

What can we do to stay safe during a tornado?

## Think About It

Circle the pictures below that are needed to stay safe during a tornado.



# Colorful Collages

This activity explores

 **Shapes**

## Learning Goal

Explore different kinds of shapes.



## What You'll Need

- Magazines, newspapers or mail
- Construction paper
- Scissors
- Glue stick or tape

## Steps

- 1. Look for shapes!** Look through magazines, newspapers and mail to cut out various shapes. Talk about their characteristics (number of sides, corners, curved, straight).
- 2. Make shapes!** You can also use construction paper to make your own shapes.
- 3. Create a shapes collage!** Glue the shapes to a piece of paper to create a shapes collage. Talk with your child about the shapes as you go. Arrange the shapes together to make an animal!

## Watch Video



## Talk Together

- Can you find a shape that is round?
- How many sides does this shape have? What do you notice about the sides?

## Book Suggestion

***Figuras y ratones/  
Mouse Shapes,***  
by Ellen Stoll Walsh

## Online Game

**Daniel Tiger's Neighbor-  
hood: Make a Card**

[pbskids.org/daniel/  
games/make-a-card/](https://pbskids.org/daniel/games/make-a-card/)



# Build a Tower

**Materials:** connecting cubes

**Directions:**

1. Player 1 rolls a connecting cube onto the number mat and adds that number of cubes to their tower.
2. Player 2 repeats step 1.
3. The first player to make a tower of 20 wins.
4. If a student makes a tower with more than 20 cubes, they use the extra cubes to begin a new tower.

## Number Mat

8	5	2
6	4	1
7	9	3

# Week 6: Great Outdoors

# July 29 - August 4

Explore the world outside your door and the incredible parks and waters that belong to us all.

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/greatoutdoors](http://www.michiganlearning.org/greatoutdoors) to see the playlist of videos for this week.

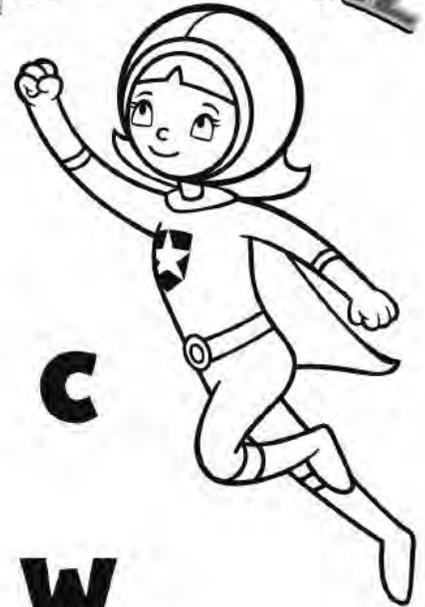


Try the Nature Cat Scavenger Hunt	 60 mins. of activity	 Read for 20 minutes	 Watch the sunset	Watch Read, Write, ROAR!
 Read for 20 minutes	 Watch Math Might	Go for a hike outside	Watch Wimee's Words	 Do 60 mins. of activity
 Do 60 mins. of activity	Draw a picture of the weather outside	 HAVE FUN! (Free Space)	Try a new food	 Read for 20 minutes
Watch Read, Write, ROAR!	 Go swimming	 Watch Math Might	Watch InPACT at Home	Draw your favorite place
Watch InPACT at Home	 Read for 20 minutes	Visit a new place	 Do 60 mins. of activity	Pretend to be an explorer

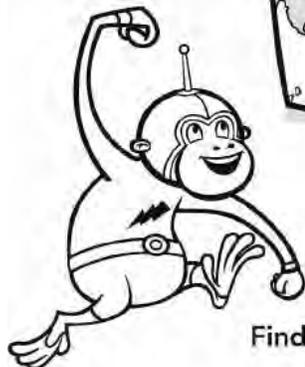


# Get ready for a hike!

Name \_\_\_\_\_



In 'Can't Touch This' Becky and her family go for a hike in the woods. You can go for a hike, too, but you'll need to get ready by matching each picture in the left-hand column with the letter each one starts with in the right-hand column. Can you match them all?



C

W

S

M

B

L

Write a short story using as many of these items as you can.

How many did you use?

Find more games and activities at [pbskidsforparents.org](http://pbskidsforparents.org)

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# Scavenger Hunt



[pbskids.org](http://pbskids.org)

**It's time to explore!**  
Take a walk around your neighborhood and see if you can find the following items.  
Check the box for each item you find.

For the empty boxes, draw what you found or tape an item to the page.

 <b>Flower</b>	<input type="checkbox"/>	 <b>Bug</b>	<input type="checkbox"/>
<input type="checkbox"/>	<b>Something that smells good</b>	<input type="checkbox"/>	<b>Something beautiful</b>
 <b>Bird</b>	<input type="checkbox"/>	 <b>Flying insect</b>	 <b>Something rough</b>
<input type="checkbox"/>	<b>Something Soft</b>	<input type="checkbox"/>	<b>Something prickly</b>
 <b>Leaf</b>	<input type="checkbox"/>	 <b>Pinecone or acorn</b>	 <b>Spider or spiderweb</b>

For more printables, go to [pbskidsforparents.org](http://pbskidsforparents.org)



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# My Favorite \_\_\_\_\_

Do you have a favorite place to visit in your neighborhood?  
Write or draw about it on this page. You might like to share stories about  
your favorite places with your friends and learn about theirs, too.



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# ACTIVITY GUIDE

Episode 206: Mail Time!

Scan below to  
watch lesson



## Let's Write

Write a letter to Ryan the Lion, *Read, Write, Roar's* mascot. Make sure to tell him something you like about him and make sure to ask him a question too. Don't forget to sign your name at the end of the letter so Ryan knows who sent him mail.

Dear Ryan,

Your Friend,



# ACTIVITY GUIDE

**Episode 211:** Changing Weather and the Letter D

**Book:** *The Reason for the Seasons* by Ellie Peterson

Scan below to watch lesson



## Letter Heroes

Read the sentence out loud. Highlight or lightly color over the uppercase letter D's and lowercase letter d's.

# Dd

Do you see any patterns in the weather from one day to the next?

## High Frequency Words

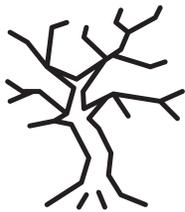
Circle the high-frequency words in the poem about Seasons.

# for a

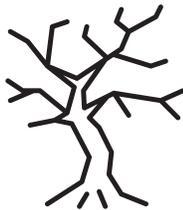
Be on the look-out for these words when someone reads you a book.

## Read It

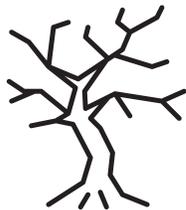
Have someone read the poem out loud with you. Color each tree to match the season.



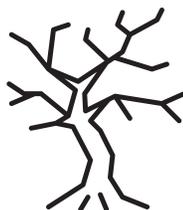
Summer



Fall



Winter



Spring

### Seasons

Green, green,  
Leaves blow in the breeze.

Orange, red,  
A tree gets ready for bed.

White, brown,  
The snow falls down.

Melting snow,  
The buds are ready to grow!

# Nature Crown

This activity explores

 **Sorting & Collecting**

 **Patterns**

## Learning Goals

Sort objects into groups; practice counting objects; create patterns; use string to measure length.



## What You'll Need

- Flowers, petals, leaves, twigs, etc.
- Brown paper bag
- Scissors
- Glue or tape
- String

## Steps

- 1. Gather nature items!** Look for items like fallen leaves, twigs, pine needles and flowers.
- 2. Measure your head!** Use a piece of string to measure around your child's head to determine the circumference of the crown. Cut a long strip from the paper bag, about 3 inches wide, to match the length of the string.
- 3. Decorate your crown!** Help your child attach the natural materials to the crown in a pattern. The pattern can be about the color, texture or size of the materials. Attach the ends of the crown together. Place on the child's head!

## Watch Video



## Talk Together

- Green leaf, flower, brown leaf, flower. What comes next?
- Did you make a pattern with colors or something else?

## Book Suggestion

***A Stone Sat Still,***  
by Brendan Wenzel

## Online Game

**The Cat in the Hat Knows a Lot About That: Sorta-Ma-Gogo**

[pbskids.org/catinthehat/games/sorta-ma-gogo](https://pbskids.org/catinthehat/games/sorta-ma-gogo)

Find more fun activities at [pbsocal.org/familymath](https://pbsocal.org/familymath)



## Guess Then Count!

**Materials:** pattern blocks (you can use snacks or anything you can grab a handful of)

**Directions:**

1. Player 1 grabs a handful of pattern blocks and puts them together with Player 2.
2. Both players work together to come up with a guess for how many pattern blocks there are and then count the blocks.
3. Record the guess and the actual number of blocks on the recording sheet.

Round	Guess	Count
1		
2		
3		
4		
5		
6		
7		

# Week 7: When I Grow Up

# August 5-11

All summer we'll learn about different careers—this week, think about all the exciting possibilities in your future!

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/whenigrowup](http://www.michiganlearning.org/whenigrowup) to see the playlist of videos for this week.



Learn about a family member's job	 Do 60 mins. of activity	 Read for 20 minutes	Draw yourself as a grown up	Watch Read, Write, ROAR!
 Read 20 minutes	 Watch Math Might's	Try a new food	Watch Wimee's Words	 Do 60 mins. of activity
 Do 60 mins. of activity	Watch Wimee's Words	 HAVE FUN! (Free Space)	Learn about a family member's job	 Read for 20 minutes
Watch Read, Write, ROAR!	Watch Meet the Helpers	 Watch Math Might's	Watch InPACT at Home	Try Wimee's Maze
Watch InPACT at Home	 Read for 20 minutes	Play Alma's Way	 Do 60 mins. of activity	Create a musical instrument



Help Wimee get to his friend's house.  
Then, circle all the letters you can find.



Join our live interactive shows at [Wimee.tv](http://Wimee.tv)





# When I Grow Up

\_\_\_\_\_ Name

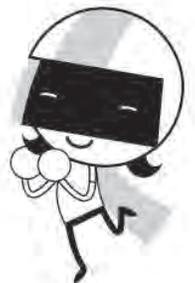
**Here's a drawing of me when I am grown up!**

**When I grow up, I want to be...**

\_\_\_\_\_

\_\_\_\_\_

For more games and activities visit [pbskidsforparents.org](http://pbskidsforparents.org)



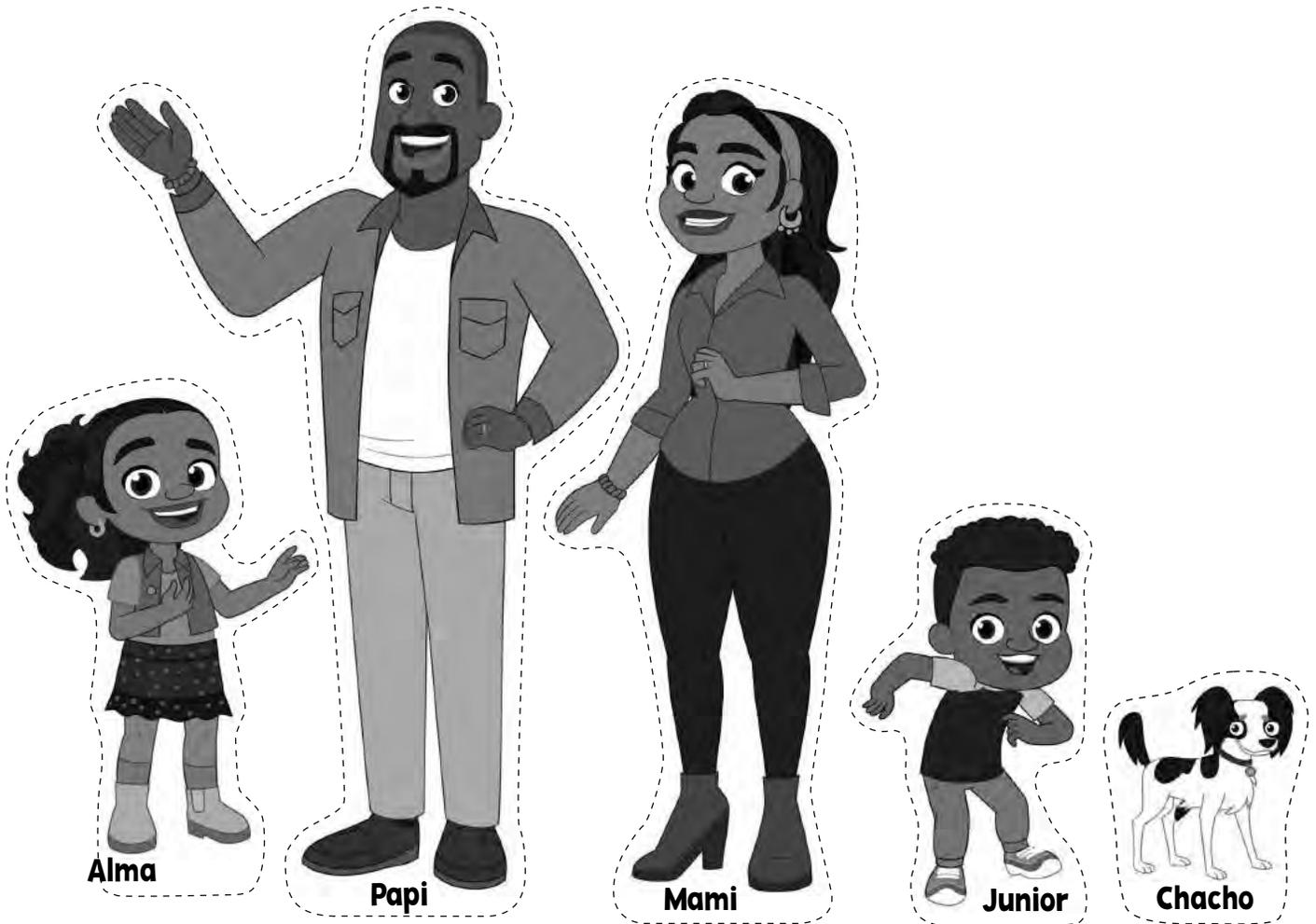
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# Play Alma's Way!

This is Alma Rivera. She lives in the Bronx, New York, with her family. Like you, she learns about her world every day. During her adventures, she always thinks things through and has lots of questions.

Cut out the characters and prop pieces along the dashed lines. Use the characters and props to play stories from Alma's Way or create your own!

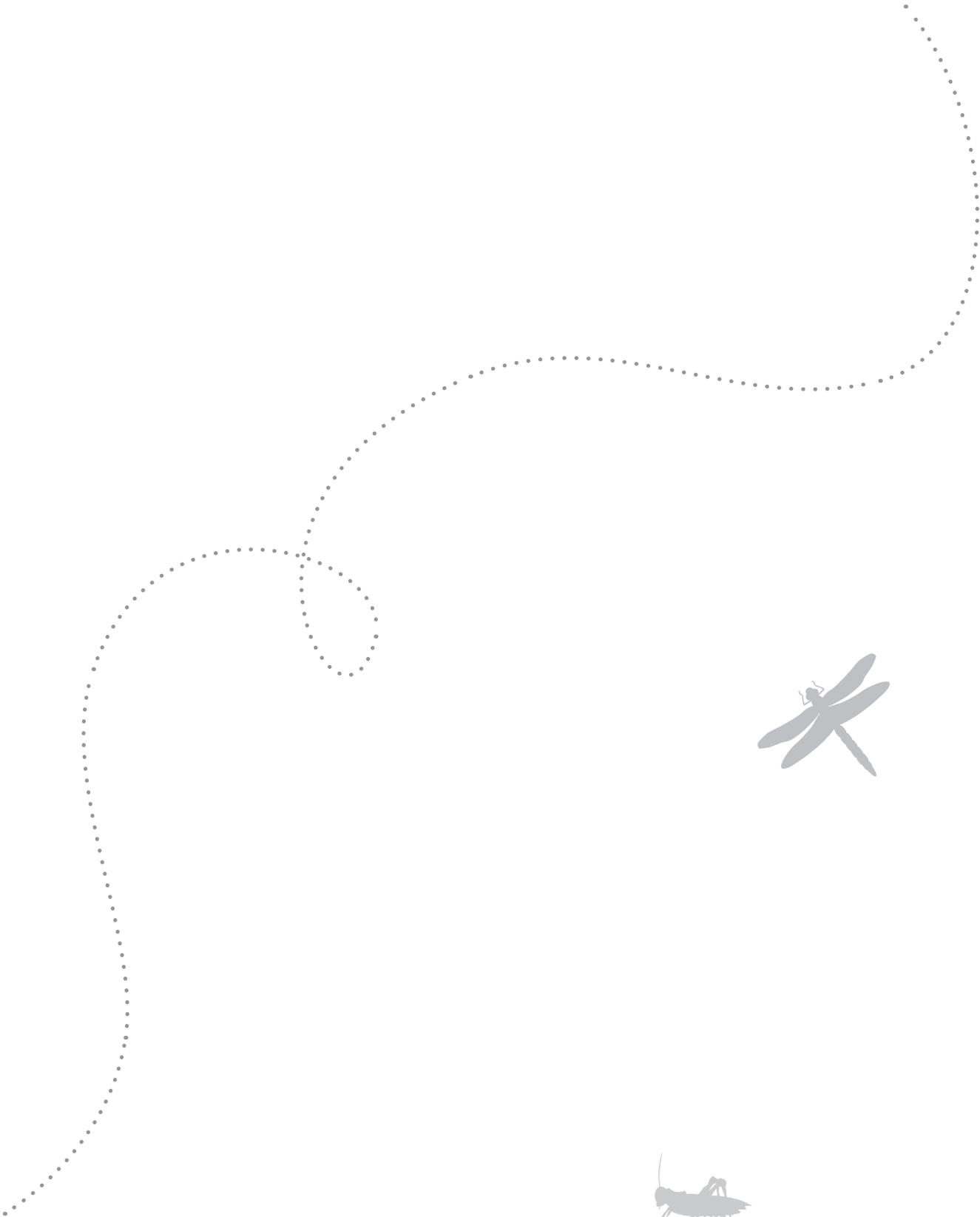


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# ACTIVITY GUIDE

Episode 105: All About the Letter A

Scan below to watch lesson



## Build It

Circle every lowercase **a** and put a rectangle around every uppercase **A**.

**A**

**b**

**A**

**a**

**a**

**M**

**A**

**a**

**v**

**A**

**R**

**a**

**W**

**m**

**a**



# ACTIVITY GUIDE

**Episode 213:** Winter Weather and the letter L

**Book:** *I Love Winter* by Lizzie Scott and Stephanie Fizer Coleman

Scan below to watch lesson



## Letter Heroes

Read the sentence out loud. Highlight or lightly color over the uppercase letter **L's** and lowercase letter **l's**.

L l

**Lilly loves learning a lot of new letters.**

Use your finger to sky write the letters Ll.

## Find It

Circle the pictures that begin with the letter L.



## Write It

Read the question in the box. Use the sentence stem to write what you like to do in the snow. Draw a picture to go with your sentence.

What can you do in the snow?

# Paper Plate Pizza

This activity explores



Shapes



Number Sense & Counting

## Learning Goals

Practice counting 1-20 by using number words and writing numerals.



## What You'll Need

- Paper plate
- Red crayon or marker
- Brown crayon or marker
- Construction paper
- Scissors
- Glue

## Steps

- 1. Make a pizza!** Color the paper plate's edges brown to make a pizza crust. Color the center red to make the sauce.
- 2. Add the cheese!** Cut out 10 triangles for your cheese, 5 circles for your pepperoni and 5 rectangles for another topping of your choice.
- 3. Add the toppings!** Write numbers 1 through 20 on your toppings and glue them onto your pizza pie. Count all of your toppings all the way to 20!

## Watch Video



## Talk Together

- Which group of toppings do you have the most of?
- How many cheese triangles are there?

## Book Suggestion

*El último malvavisco/  
The Last Marshmallow,*  
by Grace Lin

## Online Game

**Curious George: Train Station**

<https://pbskids.org/curiousgeorge/busyday/trains/>

Find more fun activities at [pbsocal.org/familymath](https://pbsocal.org/familymath)



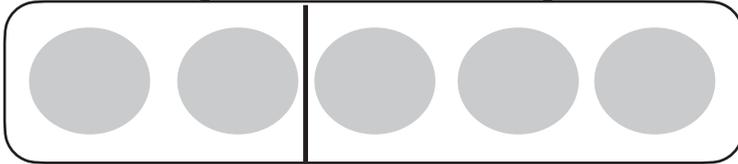
# Match the Drawing



**Directions:** Draw a line to match the labeled drawing to the word problems.

hotdogs

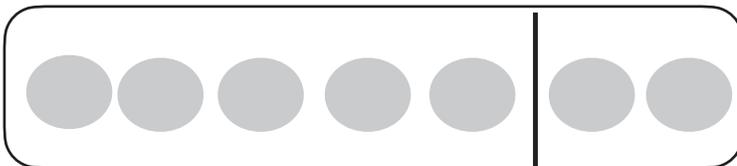
hamburgers



Karl has 5 toy trucks. For his birthday he got 2 toy cars. How many toys does Karl now have all together?

trucks

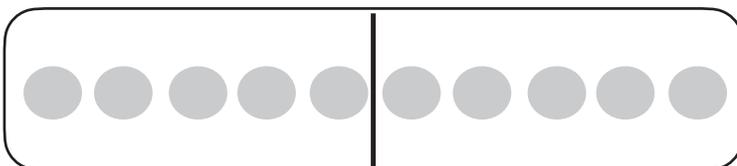
cars



Cindy made cupcakes for the school bake sale. She made 5 chocolate cupcakes and 5 vanilla cupcakes. How many cupcakes did Cindy make in all?

chocolate

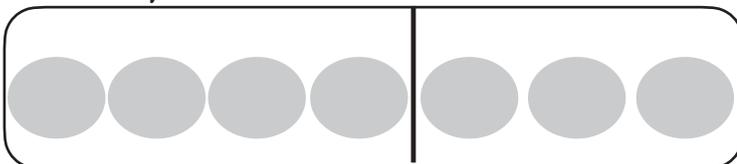
vanilla



Reagan made her friend a bracelet. She put 4 yellow beads and 3 blue beads on the bracelet. How many beads are on the bracelet?

yellow

blue



Jamal had some friends over for a barbecue. 2 friends ate hot dogs. 3 friends ate hamburgers. How many hot dogs and hamburgers were eaten altogether?

# Week 8: Shoot for the Stars

# August 12-18

Look up at the night sky and into outer space and meet people who risked everything to follow their dreams.

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

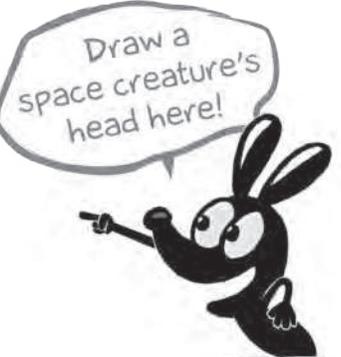
Scan the QR code or visit [www.michiganlearning.org/stars](http://www.michiganlearning.org/stars) to see the playlist of videos for this week.



 Stargaze	 Do 60 mins. of activity	 Read for 20 minutes	Pretend to be an astronaut	Watch Read, Write, ROAR!
 Read for 20 minutes	 Watch Math Might	Design your own telescope	Watch Wimee's Words	 Do 60 mins. of activity
 Do 60 mins. of activity	Watch Wimee's Words	 HAVE FUN! (Free Space)	Look at the clouds	 Read for 20 minutes
Watch Read, Write, ROAR!	Draw a space creature	 Watch Math Might	Watch InPACT at Home	Visit a new place
Watch InPACT at Home	 Read for 20 minutes	Try a new food	 Do 60 mins. of activity	 Stargaze

# SPACE CREATURE

Scribbles  
and  
Ink



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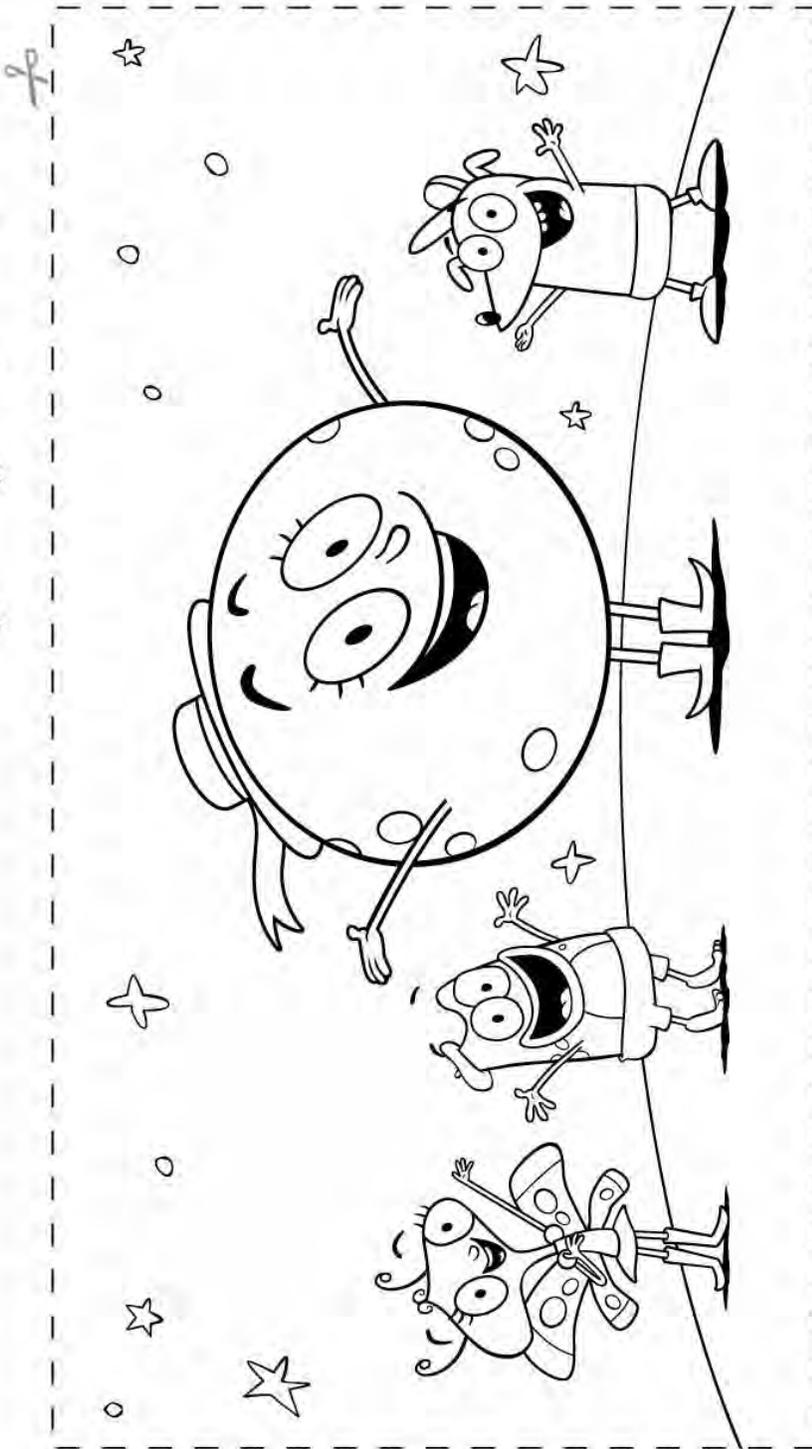
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# Let's Go LUNA!

## Design Your Own Telescope

- \* Color this page and ask a grown-up to help cut along the dashed lines.
- \* Wrap it around a paper tube and then tape the edges of the sheet together.
- \* Use your new telescope to look at the moon, stars, or objects around you!
- \* Make a map of what you found.



Find more games and activities at [pbskidsforparents.org](http://pbskidsforparents.org)

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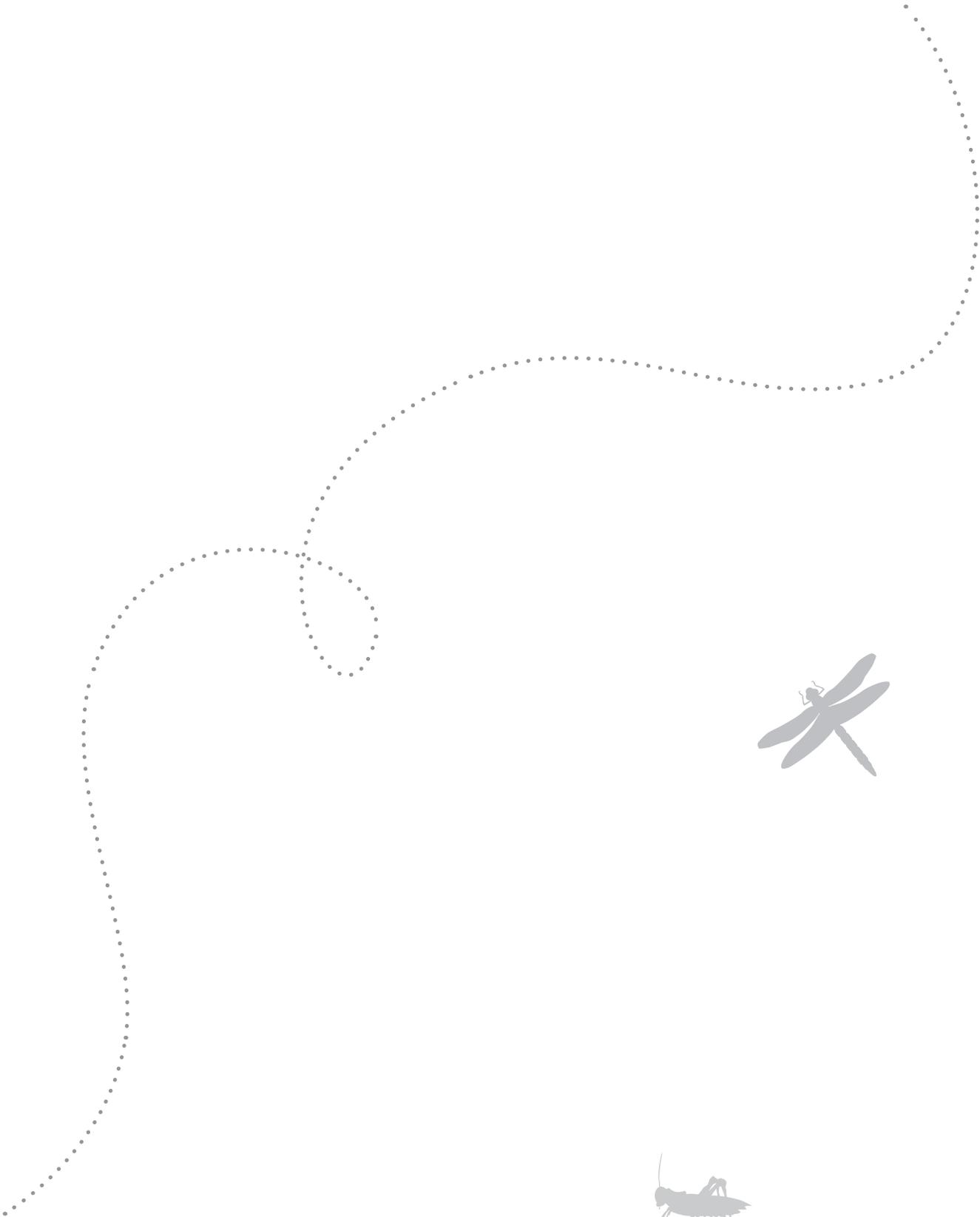
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Scan below to watch lesson



# ACTIVITY GUIDE

Episode 106: Funny Faces from the Garden

## Sort It

Draw a line from the up arrow  to what you would find *up* in a garden. Draw a line from the down arrow  to what you would find *down* in the dirt.



## Write It

Follow the Vegetable Face Pizza Recipe to make a healthy snack! What else might you add to the ingredients?

Ingredients:

Tortillas  
Cream Cheese  
Black Olives  
Carrot Sticks  
Cherry Tomatoes  
Broccoli  
Celery sticks

Step 1:

Lay your tortilla flat.

Step 2:

Take a spoon and get cream cheese from the container.

Step 3:

With the bottom of your spoon, spread the cream cheese out on your tortilla.

Step 4:

Choose your vegetables and make a face. It can be as real looking or as silly as you want.



# ACTIVITY GUIDE

**Episode 215:** Under the Snow and the Letter V

**Book:** *Over and Under the Snow* by Kate Messner

Scan below to watch lesson



## Letter Heroes

Read the sentence out loud. Highlight or lightly color over the uppercase letter **V's** and lowercase letter **v's**.

Vv

Vera wore a violet vest in the very cold weather.

Use your finger to sky write the letters **Vv**.

## Find It

Read the question below. Answer the question using the sentence stem.

What lives under the snow?

A \_\_\_\_\_ lives under the snow.

## Write It

Start at the top and follow the clues to change each word. Sound out each new word and say it in a snap.

c a n

change the **c** to a **f**

\_\_\_\_\_ a n

change the **n** to a **t**

f a \_\_\_\_\_

## Count It

How many Vv's can you find on this page?

\_\_\_\_\_



## Learning Goals

Explore and compare the weight of different objects.



## What You'll Need

- Ruler
- 2 paper cups
- Tape
- Marker
- Small toys like marbles, toy cars, duckies or feathers

## Steps

- 1. Make a balance!** Place the marker at the midpoint of the ruler (around the 6-inch mark) so it makes a cross. Tape the marker to the ruler to secure it.
- 2. Make a scale!** On the side without the marker, tape the bottom of each cup to each end of the ruler. Now it's a scale!
- 3. Weigh the toys!** Put a different number of marbles in each cup and observe what happens. Then compare two different toys, like a marble and a feather or a duckie and a toy car.

## Watch Video



## Talk Together

- Before we add items to the cup, which one do you think will weigh more? Why?
- Does the bigger object always weigh more?

## Book Suggestion

***Lia & Luís: ¿Quién tiene más?/Lia & Luis: Who Has More?***,

by Ana Crespo and illustrated by Giovana Medeiros

## Online Game

**Peg + Cat: Happy Camel**

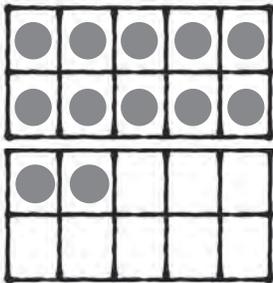
[pbskids.org/peg/games/happy-camel/](https://pbskids.org/peg/games/happy-camel/)

Find more fun activities at [pbskids.org/familymath](https://pbskids.org/familymath)

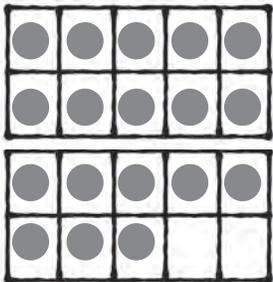


## Match Up Equations and 10-Frames

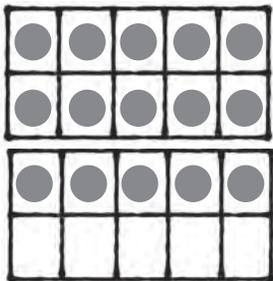
**Directions:** Draw a line to match the double 10-frame with the equation that represents the same number.



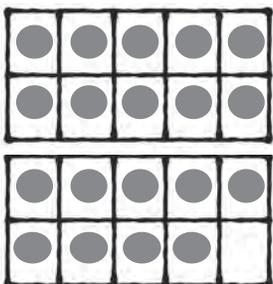
$$10 + 8 = 18$$



$$10 + 5 = 15$$



$$10 + 2 = 12$$



$$10 + 9 = 19$$



## **WHAT IS MEET UP AND EAT UP?**

Meet Up and Eat Up provides FREE nutritious meals for children and teens 18 years and younger.

## **HOW DO I SIGN UP?**

No application or sign-up needed, just come and join us!

## **WHERE IS IT?**

To find a location near you

**Visit: [www.michigan.gov/meetupeatup](http://www.michigan.gov/meetupeatup)**

**Call: 211**

**Text: Food to 304-304**

**Mande por texto "Comida" al 304-304**



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**EARLY  
LEARNERS**  
Version 2.4

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