

FUN ACTIVITY BOOK

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## WATCH on the Michigan Learning Channel or stream the channel at MichiganLearning.org

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Visit MichiganLearning.org and follow @MichLearning on social media to find out more.

The Michigan Learning Channel is funded through a grant awarded by the Michigan Department of Education and the U.S. Department of Education.



#### DEAR GROWN-UPS,

Summer is full of opportunities to play and learn and we want to make it easy to find inspiring, kid-friendly activities! That's why we've worked with PBS stations and content creators from across the country to bundle up some of our favorite activities into one, easy-to-carry-any-where book. We hope you and your kids will use this to inspire learning all summer long!

Here are a few quick tips to keep your kids excited about learning this summer:

- **ASK LOTS OF QUESTIONS**. Encourage your kids to participate in conversations by asking them questions like: Why do you think that happened? What will happen next?
- **ENCOURAGE KIDS TO SEARCH FOR ANSWERS**. When your children ask you "why?" see if you can work together to figure out what they need to know or do to find the answer.
- **TRY SOMETHING NEW**. Summer is a great time to try new things like reading a new kind of book, tasting a new food or exploring a new park.
- JUST HAVE FUN. Summertime only comes along once a year, so be sure to take the time to relax and have fun while you're learning.
- BUILD LASTING. POSITIVE MEMORIES THAT WILL LAST A LIFETIME!

#### HOW TO USE THIS BOOK

- Keep in mind that this book spans multiple grade levels. Your child won't be using every single page, but choosing a few lessons each week. The goal is to keep kids' brains engaged with a taste of reading, writing, math, art, science, and physical activity every week.
- The grade levels are merely guides to get you started. We recommend starting with the grade that your child just completed and adjusting as needed. Don't be shy about using a different grade level or just picking and choosing lessons that look interesting. This has been a tough year for our children and we want your child to feel proud and confident.
- This book aligns with the content on the Michigan Learning Channel, which can be used on live tv or on demand. There are about 2-3 hours a week of video lessons, plus lots of activities in this book that don't use a screen. We recommend getting outside everyday, reading everyday and having enjoyable moments together as a family!
- 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. If you have older children they may do better in the evenings.
- As you go through the weeks, you will find each week has a theme and a link to videos that go with the activities. You can find all the video lessons, plus interactive virtual events and more at www.michiganlearning.org/summer.

How do the students in your life use the Michigan Learning Channel? We would love your feedback! Feel free to contact us at mlc@dptv.org.

#### Michigan Learning Channel Team MichiganLearning.org

# Dates and Themes

## The summer program runs from June 20 to August 14, 2022.

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

## Take Flight (June 20-26):

Michigan LEARNING

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

## Under Water (June 27-July 3):

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

## Heroes (July 4-10):

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 11-17):

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

## Engineering (July 18-24):

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

## Great Outdoors (July 25-31):

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

## When I Grow Up (August 1-7):

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

## Shoot for the Stars (August 8-14):

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



On TV. Online. Statewide.

Learn more about the Michigan Learning Channel at Facebook Live at fb.me/michlearning www.michiganlearning.org/summer



f y O Follow @MichLearning on social media to find out more.



# Where to Find the Michigan Learning Channel

Find your favorite shows anywhere you go!

## Scan the QR Code:

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

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

## On TV:

Find us on broadcast television with an antenna

## **Coming soon to:**

Charter Cable services in Northern Michigan and the Upper Peninsula. Visit MichiganLearning.org/Schedule for details



Learn more about the Michigan Learning Channel at Facebook Live at fb.me/michlearning www.michiganlearning.org/summer



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Serving Schools Statewide Through Your Local PBS Stations

> Watch On-Demand at MichiganLearning.org f 🗹 🖸 @MichLearning

## **The Michigan Learning Channel** is Available On:

WCMU Alpena Channel 6.4

Cadillac Channel 27.4



Mt. Pleasant Channel 14.4 **Shelby Shawl** Shelby.shawl@cmich.edu



WDCQ Delta College Public Media Channel 19.5 Lauren Saj laurensaj@delta.edu (989) 686-9346



**Grand Rapids** Channel 35.6 Kalamazoo

WGVU

Channel 52.6 Rachel Cain cainra@gvsu.edu



**WTVS Detroit Public TV** Channel 56.5 Olivia Misterovich omisterovich@dptv.org

WNIT Michiana PBS Channel 34.5 Sheri Robertson srobertson@wnit.org Cass and Berrien counties

WKAR WKAR Public Media Channel 23.5



Summer Godette, M.Ed summer@wkar.org (517) 884-4700 **WNMU** WNMU-TV

Channel 13.4 Ellen Doan WNMU Public Media edoan@nmu.edu (906) 227-6765

**COMING SOON** to Charter Cable in Northern and Mid-Michigan and the Upper Peninsula

## **Rescan Your TV to watch on Broadcast**

Your remote control and TV menus may vary, but the steps are the same. Your TV will scan for all available channels.

TV sets connected to cable, satellite or other pay TV providers do not need to scan.

## How to Scan

- 1. Press menu on your remote control.
- 2. Select setup.
- 3. Choose antenna then channel scan or auto tune.





# WEEKDAY SUMMER SCHEDULE

ΤΙΜΕ	GRADE	WHAT'S ON
5ам		Let's Learn
6АМ		PBS Kids shows
6:30AM	Preschool - Kindergarten	Wimee's Words, Simple Gifts Series
7ам		Let's Learn
8AM		Read, Write, ROAR! (Kindergarten)
8:30AM		Math Mights (Kindergarten)
9ам		Read, Write, ROAR! (1st Grade)
<b>9:30</b> AM		Math Mights (1st Grade)
<b>10</b> AM		Read, Write, ROAR! (2nd Grade)
10:30AM	1st - 3rd Grade	Math Mights (2nd Grade)
11AM	Grade	Read, Write, ROAR! (3rd Grade)
11:30ам		Math Mights (3rd Grade)
12рм		Live From the City Opera House: It's Storytime
12:30рм		PBS Kids shows
1рм		Extra Credit
1:30рм	4th - 6th Grade	Math & Movement
2рм		Story Pirates
2:30рм	Grade	DIY Science Time, SciGirls
Зрм		Curious Crew
3:30рм	1st - 3rd	Cyberchase, Into the Outdoors
4рм	Grade	Read, Write, ROAR! (2nd & 3rd Grade)
<b>4:30</b> PM		Math Mights (2nd & 3rd Grade)
5рм	Dressbeel	Read, Write, ROAR! (Kindergarten & 1st Grade)
5:30рм	Preschool - Kindergarten	Math Mights (Kindergarten & 1st Grade)
брм		Let's Learn
7рм		Extra Credit
7:30рм	4th - 6th	Math & Movement
8pm	Grade	Story Pirates
8:30pm		DIY Science Time, SciGirls
9рм 5ам	6th - 12th Grade	Nature, NOVA, American Experience, Ken Burns and other PBS programming

## Details at MichiganLearning.org/schedule

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WATCH on the Michigan Learning Channel. Episodes are available on-demand or stream the channel at MichiganLearning.org/summer Visit MichiganLearning.org and follow @MichLearning on social media to find out more. f y ©



Learn at Home with PBS KIDS

## Schedule Begins October 4, 2021

Explore reading, math, science, life lessons, and more on the PBS KIDS 24/7 channel and live stream! The TV schedule below offers you and your child a chance to learn anytime alongside your friends from PBS KIDS.

TIME (M-F)	SHOW	GRADE	LEARNING GOALS
6/5c am	The Cat in the Hat Knows a Lot About That!	PK-1	Science & Engineering
6:30/5:30c am	Ready Jet Go!	K-2	Science & Engineering
7/6c am	Peg + Cat	РК-К	Math
7:30/6:30c am	Super WHY!	РК-К	Literacy
8/7c am	Daniel Tiger's Neighborhood	РК-К	Social & Emotional Learning
8:30/7:30c am	Daniel Tiger's Neighborhood	РК-К	Social & Emotional Learning
9/8c am	Sesame Street	РК-К	Literacy, Math, Social & Emotional Learning
9:30/8:30c am	Elinor Wonders Why	РК-К	Science & Engineering
10/9c am	Clifford the Big Red Dog	РК-К	Social & Emotional Learning, Literacy
10:30/9:30c am	Dinosaur Train	PK-K	Science
11/10c am	Let's Go Luna!	K-2	Social Studies
11:30/10:30c am	Curious George	PK-K	Math, Science & Engineering
12 pm/11c am	Nature Cat	K-3	Science
12:30 pm/11:30c am	Xavier Riddle and the Secret Museum	K-2	Social & Emotional Learning
1/12c pm	Molly of Denali	K-2	Literacy
1:30/12:30c pm	Hero Elementary	K-2	Science & Engineering
2/1c pm	Cyberchase	1-5	Math & Science
2:30/1:30c pm	Pinkalicious & Peterrific	PK-1	The Arts
3/2c pm	Pinkalicious & Peterrific	PK-1	The Arts
3:30/2:30c pm	Elinor Wonders Why	РК-К	Science & Engineering
4/3c pm	Donkey Hodie	РК-К	Social & Emotional Learning
4:30/3:30c pm	Curious George	PK-K	Math, Science & Engineering
5/4c pm	Alma's Way	K-1	Social & Emotional Learning
5:30/4:30c pm	Xavier Riddle and the Secret Museum	K-2	Social & Emotional Learning
6/5c pm	Molly of Denali	K-2	Literacy
6:30/5:30c pm	Hero Elementary	K-2	Science & Engineering

#### Access FREE, at-home learning activities, tips, and more on pbskidsforparents.org

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# **LIVE Virtual Events**

As part of the Summer Program, students can participate in live virtual events via Facebook Live. Events are interactive and presenters will take student suggestions and questions in real time. Recorded versions of these events will also be available online.

Live virtual events will be hosted on the Michigan Learning Channel Facebook page.

## Wimee's Words Live!

**Recommended for ages 4-8** 

Join the loveable robot puppet Wimee and his friends as they discover more about the weekly theme. Wimee needs your help to write stories! Give Wimee your favorite words and ideas in the comments and watch as he incorporates them into stories and songs in real time. Your ideas may even be featured in future episodes of "Wimee's Words" on PBS!

Wimee's Words Live! with the Michigan Learning Channel Every Wednesday, June 21-August 9, 4pm Live on the Michigan Learning Channel Facebook page

## **Great Lakes Now Watch Party** with the Belle Isle Aquarium

## Recommended for ages 8 and up

The monthly PBS show Great Lakes Now explores the water, people, and environmental issues that tie together the whole Great Lakes basin. Once a month, they team up with the Belle Isle Aquarium to take a deep dive into the themes of the show. Students will have the chance to ask questions of the guest scientists and meet fantastic fish and other creatures.

**Great Lakes Now Watch Party** Friday, July 1, 1pm Friday, August 5, 1pm Live on the Michigan Learning Channel Facebook page



GREATLAKESNOW



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Learn more about the Michigan Learning Channel at Facebook Live at fb.me/michlearning www.michiganlearning.org/summer



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# Learn Anywhere! On Air. Online. On Demand.

Serving students statewide through your local PBS station, the Michigan Learning Channel has everything kids need to build their brains and engage in learning key concepts to succeed in school!



## Preschool

Read, sing, and play with your little one. **Wimee's Words** Join Wimee, the fun, lovable robot that inspires kids to learn through creativity. **Simple Gift Series** Make music, find something new, and read with Betty the Bookworm. **POP Check** Mindful practice tools to Pause, Own what we are feeling, and Practice relaxing.

## Kindergarten to 3rd Grade

Keep kids learning with fun lessons taught by Michigan teachers.

## Read, Write, Roar

Kids build literacy skills with engaging ELA lessons.

## **Math Mights**

Build number sense and learn strategies for solving math problems.

#### InPACT

Get moving with this home-based physical activity program.

## 4th to 6th Grade

Short, engaging videos and hands-on lessons keep tweens engaged.

## Extra Credit

Creative writing, math, fitness, career exploration, and more!

## **Curious Crew**

Dr. Rob Stephensen and inquisitive kids take a hands-on apprach to scientific exploration.

## **Story Pirates**

Bite-sized literary lessons with comedians, authors, and teachers.



VISIT us online to view all shows, learn about events, and download activities!

www.michiganlearning.org Follow @michlearning to find out more.



# Learn at Home with PBS KIDS

Play and learn anytime and anywhere with free apps from PBS KIDS! Use the chart below to find the app that aligns to your child's grade, learning goal, and favorite PBS KIDS show - then download it on your on your mobile or tablet device to play online, offline, or anytime.

## **Apps for Social & Emotional Learning**

Daniel Tiger for Parents	PK-K	Social & Emotional Learning
PBS KIDS Games app	K-2	Multiple Learning Goals
PBS KIDS Video app	K-2	Multiple Learning Goals

## **Apps for Literacy Learning**

Dinosaur Train A to Z	PK-K	Literacy, Science
Molly of Denali	K-2	Literacy
PBS KIDS Games app	K-2	Multiple Learning Goals
PBS KIDS Video app	K-2	Multiple Learning Goals





## Apps for STEM Learning (Science, Technology, Engineering & Math)

PBS Parents Play & Learn	PK-K	Literacy, Math	Phote
Play & Learn Engineering	PK-K	Science and Engineering	Ready Space
PBS KIDS Measure Up!	PK-K	Math	Ready Space
Play & Learn Science	PK-K	Science	Natu Great
Splash and Bubbles for Parents	PK-K	Science	PBS I
Splash and Bubbles Ocean Adventure	PK-K	Science	Outde with
The Cat in the Hat Builds That!	PK-K	Science and Engineering	Cybe
The Cat in the Hat Invents	PK-K	Science and Engineering	PBS K
Jet's Bot Builder: Robot Games	K-2	Science and Engineering	PBS K
Splash and Bubbles Ocean Adventure The Cat in the Hat Builds That! The Cat in the Hat Invents Jet's Bot Builder:	РК-К РК-К РК-К	Science Science and Engineering Science and Engineering	Cy PE

Photo Stuff with Ruff	K-2	Science
Ready Jet Go! Space Explorer	K-2	Science
Ready Jet Go! Space Scouts	K-2	Science and Engineering
Nature Cat's Great Outdoors	K-3	Science
PBS KIDS ScratchJr	1-2	Coding
Outdoor Family Fun with Plum	1-3	Science and Engineering
Cyberchase Shape Quest	1-5	Math
PBS KIDS Games app	K-2	Multiple Learning Goals
PBS KIDS Video app	K-2	Multiple Learning Goals



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# Week 1: Take Flight

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!

## Playlists this week: www.michiganlearning.org/takeflight

Find the hidden items in Blown Away	<b>Å</b> 60 mins. of activity	Read 20 minutes	Make a helicopter from paper	Watch Read, Write, ROAR!
Read 20 minutes	Watch Math Mights	Look for birds	Spot a plane in the sky	<b>بڑ</b> 60 mins. of activity
<b>A</b> 60 mins. of activity	Watch Wimee's Words	HAVE FUN! (Free Space)	Fly a kite	Read 20 minutes
Watch Read, Write, ROAR!	Spot a helicopter in the sky	Watch Math Mights	Watch InPACT at Home	Watch Wimee's Words
Watch InPACT at Home	Read 20 minutes	Try Amelia Earhart's word find	<b>بڑ</b> 60 mins. of activity	Pretend to be a butterfly







## **Amelia Earhart's Travelling Word Find**

F	т	Р	L	Α	N	Е
U	т	N	S	Ν	R	Μ
N	X	K	К	Α	Α	т
D	F	L	Υ	I	N	G
Μ	L	В	S	Z	I	Μ
H	Р	I	L	0	т	W
Ρ	Α	С	K	V	N	Е

## Help Amelia find all the words related to her travels!



Based on Brad Meltzer and Christopher Eliopoulos'

WORLD

best-selling kids book series

Find more games and activities at pbskids.org/xavier

KIDDIE

ACADEMY

PILOT

**FUN** 



PLANE

**SKY** 

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**FLYING** 

PACK

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Can you think of things that fly?

Birds, bugs, airplanes, helicopters...they all have something in common: For objects to fly, they must overcome gravity with the force of lift!











On the next page you are going to make your own helicopter out of paper! What happens if add more paper clips or drop it upside down?

You will need the following supplies: Scissors Paper clips Crayons/markers Printed rotor craft







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

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# ACTIVITY GUIDE

**Episode 202:** Precipitation starts with P **Book:** What is Precipitation 2 by Pok

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

# Letter Heroes

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

# Рр

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

Scan below to watch lesson

- temperature tells us how hot or cold something is
- **rain** liquid water that falls from clouds
- snow solid water that falls from clouds when is it 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.



Michigan Learning Channel

Read, Write, ROAR!<sup>™</sup> Kindergarten Episode 202

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# Hunt For Shapes



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



Math Mights Kindergarten #206 | © Strategic Intervention Solutions, LLC | mathmights.org

# Week 2: Under Water

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!

## Playlists this week: www.michiganlearning.org/underwater











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





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# **Ice Cubes** and Water: **Now and Later**

#### Name

structions: Fill one plastic, clear cup with water and a second plastic, clear cup with ice. Find a piece of chalk, a pencil, and take the two cups and this paper and go outside. 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. 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. When another 30-minutes pass, write or draw a question you are interested in.		During my the water		I noticed this about	
		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 th	ne ice		What do you n	otice about how liquid	
When I first placed the ice on the ground, the ice looked like this	After 30-minutes, t like this	he ice looked	water changed	· · · ·	
			What do you n water (ice) cho	otice about how solid anged?	
A question I still wonder a	bout is				
made the connection in r	ny mind when I a	bserved th	e water and ice	that	

#### Instructions:

- 1. Fill one plastic, cle second plastic, cle
- 2. Find a piece of cha two cups and this p
- 3. Pour a small amou Outline the water p first column, draw water.
- 4. Next, place one of ground and outline ice cube in a clear the second column about the ice.
- 5. When another 30a question you are

I made the connection in m

WIND DANCER

Find more games and activities at pbskidsforparents.org

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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?



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



# **Tidy up the Kelp Forest!**

**Instructions:** Tyke the Pacific Harbor Seal has hidden items that don't belong in the ocean. Can you help Tidy the Garibaldi Fish clean up? Circle the eight items that don't belong.





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



WIMAGE District Library

Summer Fun Activity Book | Early Learners | Michigan Learning Channel |23

@PNC Grow Up Great Funterra meijer





# 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.



Math Mights Kindergarten #208 | © Strategic Intervention <u>Solutions, LLC</u> mathmights.org



Summer Fun Activity Book | Early Learners | Michigan Learning Channel |25





# ACTIVITY GUIDE

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



# Read It

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

> <u>Weather</u> 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 nursery rhyme.

is or

## Write It

Highlight or lightly color over the uppercase letter **A's** and lowercase letter **a's** in the nursery rhyme.

Nn

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

Read, Write, ROAR!™ Kindergarten Episode 203

# Week 3: Heroes



# July 4-10

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!

## Playlists this week: www.michiganlearning.org/heroes

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







# **Recycled Superhero Wrist Cuffs**

AJ Gadgets uses his Superpowers of Science to engineer cool new gadgets from recycled materials. Join Sparks' Crew by making your own HERO ELEMENTARY superhero wrist cuffs from empty toilet paper rolls.

## Directions:

- Find two empty toilet paper rolls and make a cut down the length of each one so that you can slip one over each wrist.
- **2.** Decorate your superhero wrist cuffs! You can use paint, markers, glitter, yarn, fabric or your favorite art supplies.
- **3.** Color and cut out the images below and affix one to each wrist cuff. Can you find other recycled materials from around your house to add to your cuff?
- **4.** Wear your wrist cuffs and remember you can be a superhero by being kind and helping others!







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For more games and activities, visit pbskidsforparents.org

Funded by:



Funding for Hero Elementary is provided by a Ready To Learn grant from the U. S. Department of Education. Additional funding made possible by ABCmouse.com and Target.









Practice these kid-friendly yoga poses.



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# ACTIVITY GUIDE

**Episode 206:** Storms and the Letter S **Book:** *Thunder and Lightning* by Wendy Pfeffer Scan below to watch lesson



# Draw ItLetter HeroesDraw a picture of what you may see<br/>during a thunderstorm.The word storm begins with<br/>the letter s.SSMighlight or lightly color over<br/>the uppercase letter S's and<br/>lowercase letter s's in the<br/>sentence below.Nak an adult to help you create a list<br/>of clothing you can wear in the rain.When I stepped outside,<br/>it storted 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	
stav	/ safe	I inside	

Michigan Learning Channel

Read, Write, ROAR!™ Kindergarten Episode 206




## Represent The Equation

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



Math Mights Kindergarten #311 | © Strategic Intervention Solutions, LLC | mathmights.org

## Week 4: Creatures

Т

Г

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!

Т

#### Playlists this week: www.michiganlearning.org/creatures

Т

Be curious with Elinor Wonders Why	<b>بڑ</b> 60 mins. of activity	Read 20 minutes	Catch a firefly	Watch Read, Write, ROAR!
Read 20 minutes	Watch Math Mights	Make tracks with crayons	Pretend to be a zookeeper	<b>بڑ</b> 60 mins. of activity
<b>A</b> 60 mins. of activity	Watch Wimee's Words	HAVE FUN! (Free Space)	Track the weather	Read 20 minutes
Watch Read, Write, ROAR!	Go fishing	Watch Math Mights	Watch InPACT at Home	Watch Wimee's Words
Watch InPACT at Home	Read 20 minutes	Try a new food	<b>بڑ</b> 60 mins. of activity	Practice a dinosaur ROAR!



## July 11-17



Т





# 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 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 <sup>•</sup> 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

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#### 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



# **Make Tracks**



#### Trace here

#### Find more games and activities at pbskids.org/naturecat

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#### 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.

Name

Monday		۲	ruesday	Wednesday	
Thurs	day	Friday	Saturda	av	Sunday
KEY:	DA	$\frown$		<u></u>	
		900 {			
	Sunny	Rainy	Cloudy	Windy	PO
Count ho	w many da	<b>ys</b> of <b>each</b> ty	pe of weather	there we	ere.
L					

Find more games and activities at **pbskidsforparents.org** 

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# ACTIVITY GUIDE

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





## 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.



Michigan Learning Channel

Read, Write, ROAR!™ Kindergarten Episode 208

Summer Fun Activity Book | Early Learners | Michigan Learning Channel |41





# 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.



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# Week 5: Engineering



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!

#### Playlists this week: www.michiganlearning.org/engineering

Spot a bridge outside	<b>Å</b> 60 mins. of activity	Read 20 minutes	Draw with Scribbles and Ink	Watch Read, Write, ROAR!
Read 20 minutes	Watch Math Mights	Build a birdbath with Ruff Ruffman	Watch Wimee's Words	<b>حجُر</b> 60 mins. of activity
<b>*</b> 60 mins. of activity	Watch Wimee's Words	HAVE FUN! (Free Space)	Pretend to be a robot	Read 20 minutes
Watch Read, Write, ROAR!	Pretend to be a racecar driver	Watch Math Mights	Watch InPACT at Home	Draw a family member's car
Watch InPACT at Home	Read 20 minutes	See how high you can count!	<b>بڑ</b> 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:

- 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



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## **Circle Column**

(fold)





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# THE SCRIBBLE GAME





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Kids

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# 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**.

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.



Michigan Learning Channel

Read, Write, ROAR!™ Kindergarten Episode 210

54 | Summer Fun Activity Book | Early Learners | Michigan Learning Channel



# 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.

8	5	2
6	4	1
7	9	3

#### Number Mat

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## Week 6: Great Outdoors



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!

### Playlists this week: www.michiganlearning.org/greatoutdoors

Try the Nature Cat scavenger hunt	<b>A</b> 60 mins. of activity	Read 20 minutes	Watch the sunset	Watch Read, Write, ROAR!
Read 20 minutes	Watch Math Mights	Go for a hike outside	Watch Wimee's Words	<b>حجُر</b> 60 mins. of activity
<b>Å</b> 60 mins. of activity	Watch Wimee's Words	HAVE FUN! (Free Space)	Try a new food	Read 20 minutes
Watch Read, Write, ROAR!	Go swimming	Watch Math Mights	Watch InPACT at Home	Draw your favorite place
Watch InPACT at Home	Read 20 minutes	Visit a new place	<b>بڑ</b> 60 mins. of activity	Pretend to be an explorer





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?





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

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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.



#### For more printables, go to pbskidsforparents.org



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## Nature Scrapbook

Pretend you are taking a walk in the park with Elmo. Cut out the animals, plants, and insects on this page. Paste them in the scrapbook below. What else might you see outdoors? Draw it in the scrapbook.



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Name





 $\sim \sim \sim \sim \sim$ 



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 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



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!

Michigan Learning Channel

Read, Write, ROAR!™ Kindergarten Episode 211





# 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		

Math Mights Kindergarten #317 | © Strategic Intervention Solutions, LLC | mathmights.org

## Week 7: When I Grow Up

# August 1-7

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!

#### Playlists this week: www.michiganlearning.org/whenigrowup



Learn about a family member's job	<b>A</b> 60 mins. of activity	Read 20 minutes	Draw yourself as a grown up	Watch Read, Write, ROAR!
Read 20 minutes	Watch Math Mights	Try a new food	Watch Wimee's Words	<b>حجُ</b> 60 mins. of activity
<b>*</b> 60 mins. of activity	Watch Wimee's Words	HAVE FUN! (Free Space)	Learn about a family member's job	Read 20 minutes
Watch Read, Write, ROAR!	Watch Meet the Helpers	Watch Math Mights	Watch InPACT at Home	Try a new food
Watch InPACT at Home	Read 20 minutes	Play Alma's Way!	<b>بڑ</b> 60 mins. of activity	Try Wimee's Maze





Join our live interactive shows at Wimee.tv

When I Grow Up

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

#### Name

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



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for Public



# **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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# Deck o' Dot Teen Match UP

Materials: ten frame cards (cut out) Directions:

- 1. Place the ten frame cards upside down in a pile.
- 2. Flip over a card and place it on the game board.
- 3. Add up both ten frames to find your new teen number.
- 4. On the recording sheet, color in the ten frames to match your equation and fill in the number sentence.



Math Mights Kindergarten #401 | © Strategic Intervention Solutions, LLC | mathmights.org



Recording Sheet

Round	Color in ten frames.	Fill in the number sentence.
1		10 + =
2		10 + =
3		10 + =
4		10 + =
5		10 + =

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# ACTIVITY GUIDE

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

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

Find It

with the letter L.

Circle the pictures that begin





### Letter Heroes

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



Lilly loves learning a lot of new letters.

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

### 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?

## Week 8: Shoot for the Stars

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!

#### Playlists this week: www.michiganlearning.org/stars

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





- 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.



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# 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





Michigan Learning Channel

Read, Write, ROAR!™ Kindergarten Episode 215





# Match Up Equations and 10-Frames

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



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