

FUN ACTIVITY BOOK

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ARNERS On TV. Online. Statewide. VISIT MichiganLearning.org

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SPECIAL THANKS TO OUR MICHIGAN LEARNING CHANNEL PARTNERSHIPS:

Content Partners:

826Michgian American Chemical Society Ann Arbor District Library **Battle Creek Symphoy Orchestra** Career Girls Chris Anderson Science Around Cincy City Opera House CODE.org **Colorado Springs Conservatory Detroit Institute of Arts** Detroit Zoo **Grand Rapids Ballet Huron-Clinton Metroparks** Illustrative Mathematics **INPACT** at Home Kinetic Affect LearningSciencelsFun Library of Congress Little Kids Rock Lucky Cat Productions **MAISA Literacy Essentials Michigan Architectural Foundation Michigan DNR Michigan EGLE Michigan Humanities Council** Midland Center for the Arts Mindful Practices Mr. E in the D **MSU** Extension NASA North Carolina **Department of Public Instruction** Positive Impact for Life SchoolKit **Roadtrip Nation**

SciGirls Signing Time SIS4Teachers Speak It Forward Square One Education Network STEM Greenhouse Story Pirates Story Pirates Storycorps The Diatribe Traverse City Area Public Schools United States Air Force WORLD Channel YouCubed

Local PBS Stations

WKAR - East Lansing Detroit Public Television WCMU - Mount Pleasant WDCQ - Saginaw WGVU - Grand Rapids WNIT - South Bend WNMU - Marquette

Partner PBS Stations

PBS PBS Books PBS Kids APT (Alabama Public Television) LPB (Louisiana Public Broadcasting) PBS SoCal PBSNC TPT (Twin Cities PBS) WCMU WHRO WIMAGE WNET (New York Public Media) WQED WUCF

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.



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Learn more about the Michigan Learning Channel at

Facebook Live at fb.me/michlearning www.michiganlearning.org/summer



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:

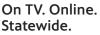
Find us on broadcast television with an antenna

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

Manistee Channel 21.4



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



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



Grand Rapids Channel 35.6 Kalamazoo Channel 52.6

Rachel Cain

cainra@gvsu.edu

WGVU

WKAR WKAR Public Media Channel 23.5 Summer Godette, M.Ed summer@wkar.org (517) 884-4700



WNMU Public Media edoan@nmu.edu



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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

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.

WTVS

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WEEKDAY SUMMER SCHEDULE

ΤΙΜΕ	GRADE	WHAT'S ON			
5ам		Let's Learn			
бам		PBS Kids shows			
6:30AM	Preschool -	Wimee's Words, Simple Gifts Series			
7ам	Kindergarten	Let's Learn			
8AM		Read, Write, ROAR! (Kindergarten)			
8:30AM		Math Mights (Kindergarten)			
9ам		Read, Write, ROAR! (1st Grade)			
9:30 AM		Math Mights (1st Grade)			
10ам		Read, Write, ROAR! (2nd Grade)			
10:30AM	1st - 3rd Grade	Math Mights (2nd Grade)			
11 AM	Grute	Read, Write, ROAR! (3rd Grade)			
11:30AM		Math Mights (3rd Grade)			
12рм		Live From the City Opera House: It's Storytime			
12:30рм		PBS Kids shows			
1рм		Extra Credit			
1:30рм		Math & Movement			
2рм	4th - 6th Grade	Story Pirates			
2:30pm	Grade	DIY Science Time, SciGirls			
Зрм		Curious Crew			
3:30pm	1st - 3rd	Cyberchase, Into the Outdoors			
4рм	Grade	Read, Write, ROAR! (2nd & 3rd Grade)			
4:30pm		Math Mights (2nd & 3rd Grade)			
5рм	Preschool -	Read, Write, ROAR! (Kindergarten & 1st Grade)			
5:30рм	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	h 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 o**



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)	TIME (M-F) SHOW		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	РК-К	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	РК-К	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

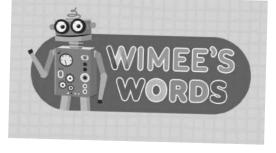


On TV. Online. Statewide.

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.

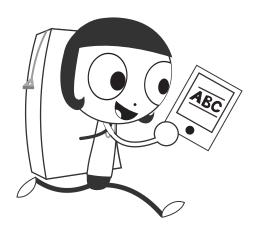
Apps for Social & Emotional Learning

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	

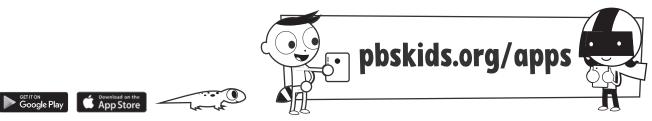




Apps for STEM Learning (Science, Technology, Engineering & Math)

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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	



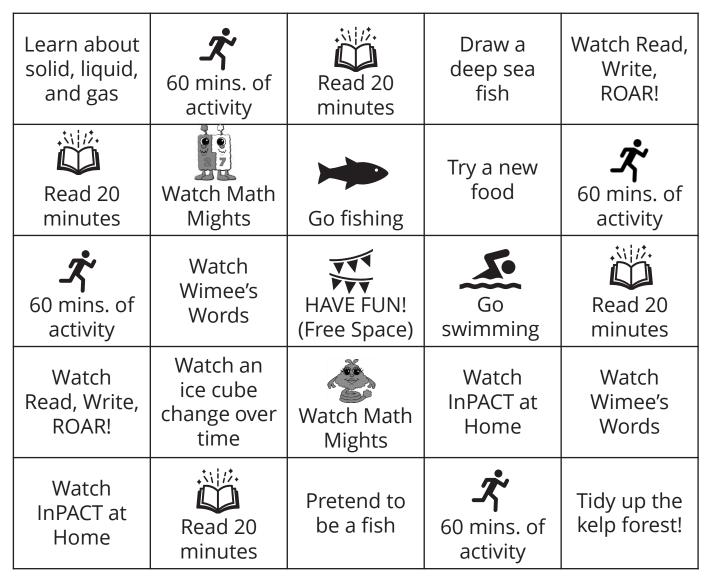
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Week 2: Under Water

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





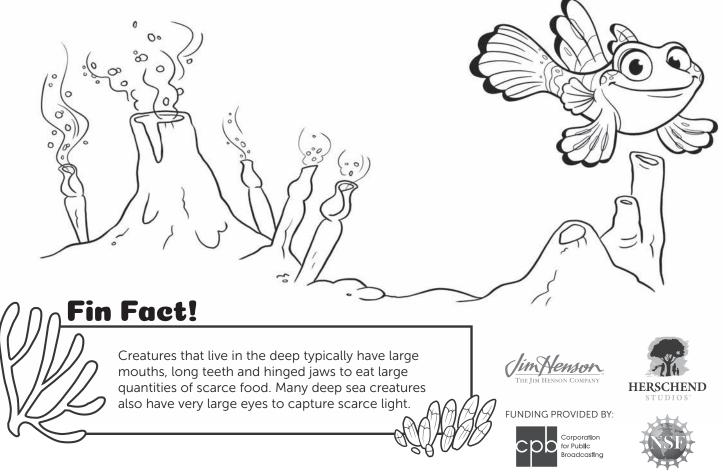






Can you draw a deep sea fish with BIG EYES, a BIG MOUTH, and LONG TEETH?





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

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	 nstructions: 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. 		During my investigation I noticed this about the water		
3.			When I first poured the water on the ground, the water looked like this		After 30-minutes, the water poured looked like this
4.	Next, place one of your ice cu ground and outline it with cha ice cube in a clear cup. After 3 the second column, draw wha about the ice.	lk. Leave one 30-minutes, in			
5.	When another 30-minutes para a question you are interested				
	I observed this about the When I first placed the ice on the ground, the ice looked like this	After 30-minutes, to like this	the ice looked	What do you n water changed	otice about how liquid d?
				What do you n water (ice) cho	otice about how solid anged?
-	A question I still wonder a				

WIND DANCER

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Find more games and activities at pbskidsforparents.org

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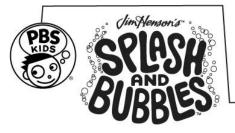


Water can be found in three different states: liquid, solid, and gas. Look at each picture and read the question below. What state is water in for each picture?





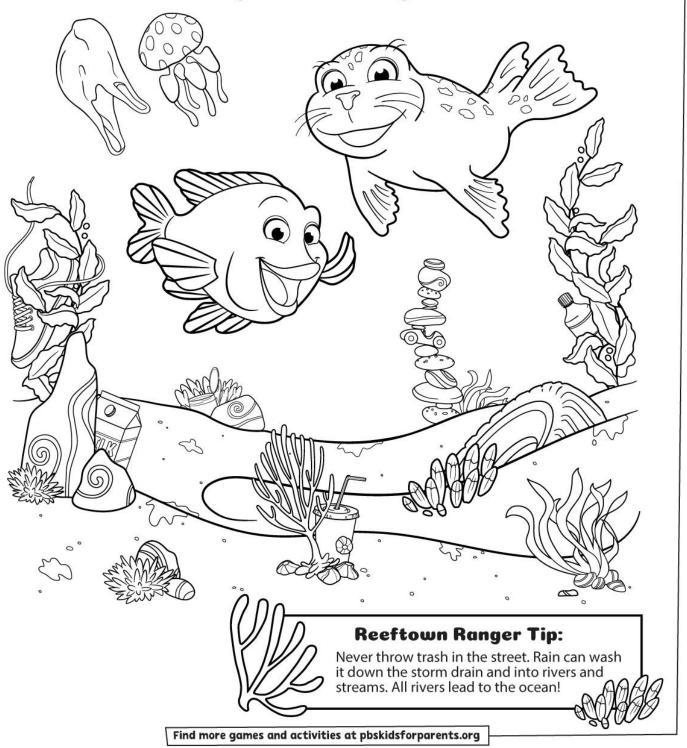
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COO for Public Broadcasting

Tidy up the Kelp Forest!

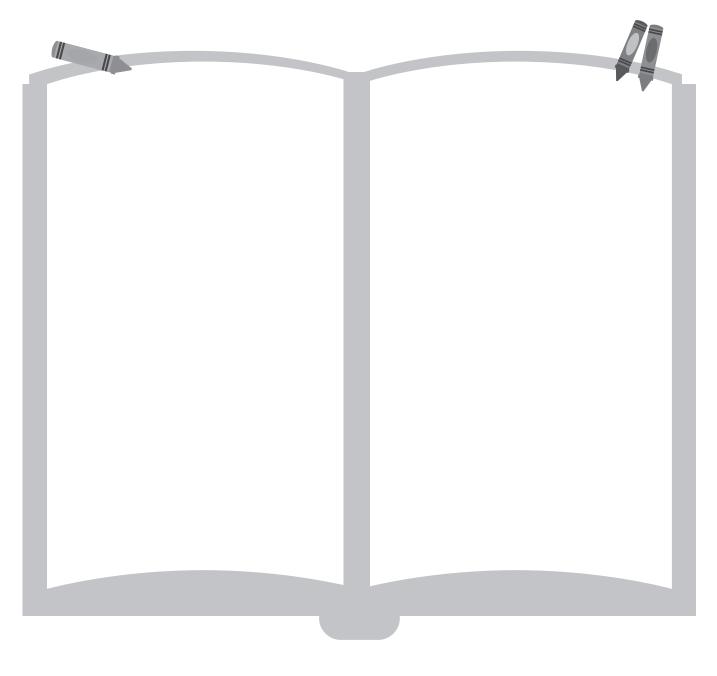
Instructions: Tyke the Pacific Harbor Seal has hidden items that don't belong in the ocean. Can you help Tidy the Garibaldi Fish clean up? Circle the eight items that don't belong.



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



Join our live interactive shows weekdays @ 4:00p.m. EST at Wimee.tv 🕤 🛅



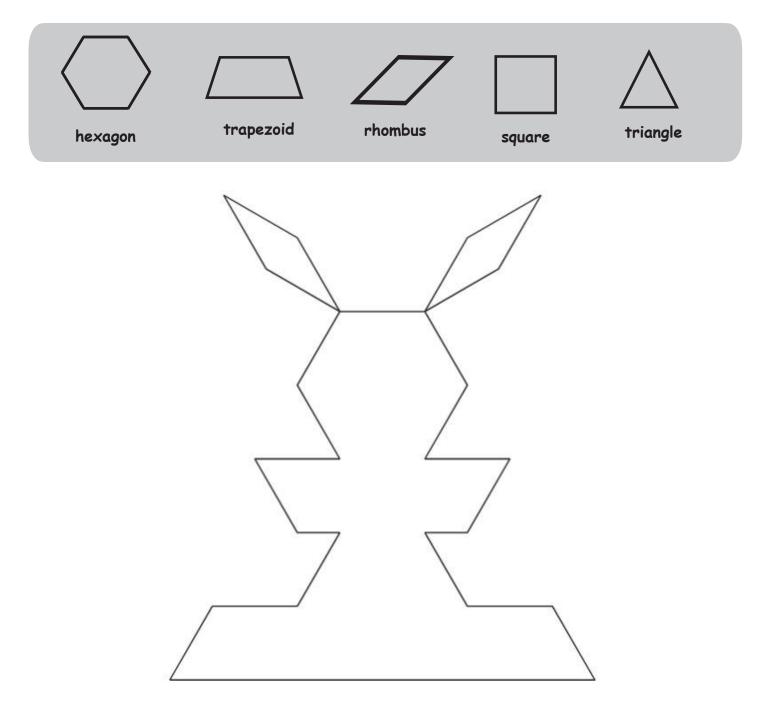


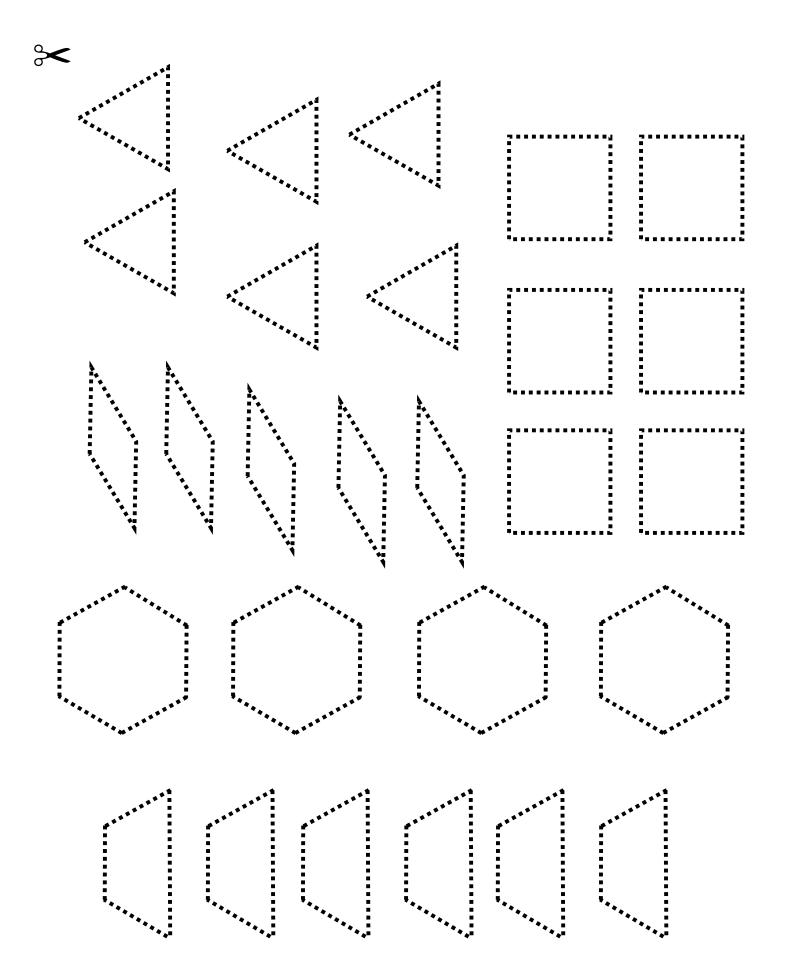




Pattern Block Puzzle Challenge

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









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.

SPECIAL THANKS TO OUR MICHIGAN LEARNING CHANNEL FUNDERS:



for Public Broadcasting







A Partner With Communities Where Children Come First





The State of Michigan

Elaine and Leo Stern Foundation

The Donald and Mary Kosch Foundation



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

Call: 211 Text: Food to 304-304 Mande por texto "Comida" al 304-304

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