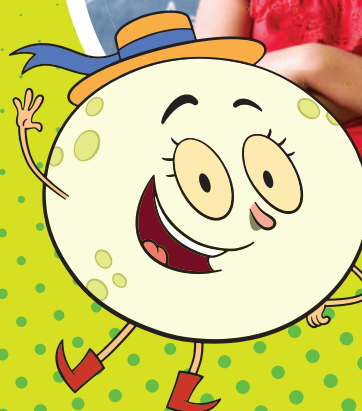




SUMMER!

FUN ACTIVITY BOOK



ELEMENTARY



On TV. Online. Statewide. VISIT MichiganLearning.org

SPECIAL THANKS TO OUR MICHIGAN LEARNING CHANNEL PARTNERSHIPS:

Content Partners:

826Michigan
American Chemical Society
Ann Arbor District Library
Battle Creek Symphony 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
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Positive Impact for Life
SchoolKit
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SciGirls
Signing Time
SIS4Teachers
Speak It Forward
Square One Education Network
STEM Greenhouse
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**



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



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-anywhere 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):

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

   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 Might's, 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



On TV. Online.
Statewide.

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



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.

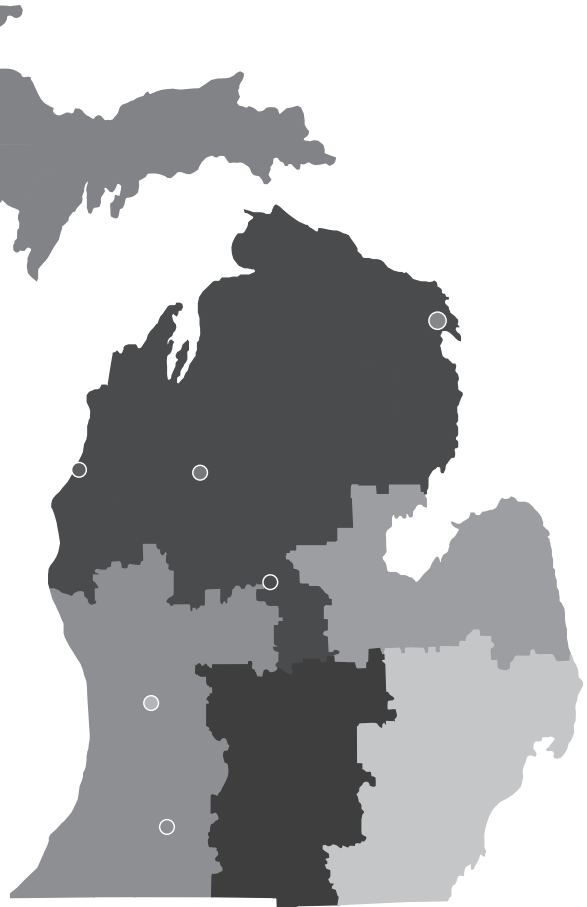


Serving Schools Statewide
Through Your Local PBS Stations

**Watch On-Demand at
MichiganLearning.org**

f t i @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
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WDCQ
Delta College Public Media
Channel 19.5

Lauren Saj
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WGVU
Grand Rapids
Channel 35.6

Kalamazoo
Channel 52.6
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WKAR
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WNMU
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Channel 13.4
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WTVS
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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.



WEEKDAY SUMMER SCHEDULE

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

Details at MichiganLearning.org/schedule

rev 02/22

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.





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	PK-K	Math
7:30/6:30c am	Super WHY!	PK-K	Literacy
8/7c am	Daniel Tiger's Neighborhood	PK-K	Social & Emotional Learning
8:30/7:30c am	Daniel Tiger's Neighborhood	PK-K	Social & Emotional Learning
9/8c am	Sesame Street	PK-K	Literacy, Math, Social & Emotional Learning
9:30/8:30c am	Elinor Wonders Why	PK-K	Science & Engineering
10/9c am	Clifford the Big Red Dog	PK-K	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	PK-K	Science & Engineering
4/3c pm	Donkey Hodie	PK-K	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

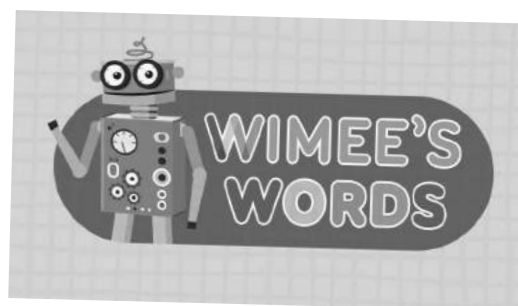
As part of the Summer Program, students can participate in live virtual events via Facebook Live. Events are interactive and presenters will take student suggestions and questions in real time. Recorded versions of these events will also be available online.

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.



GREATLAKESNOW

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



On TV. Online.
 Statewide.

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

   Follow @MichLearning on social media to find out more.



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 Might

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 approach 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.

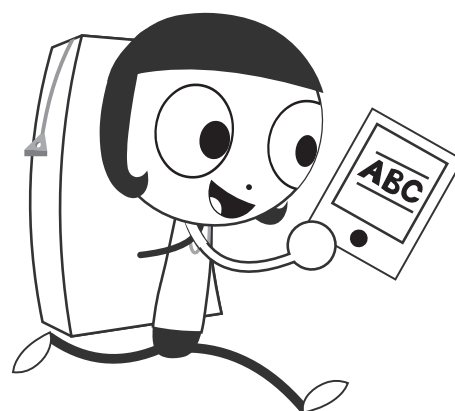


Apps for Social & Emotional Learning

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

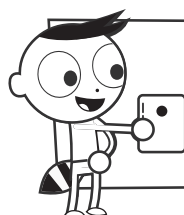
Apps for Literacy Learning

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	Photo Stuff with Ruff	K-2	Science
Play & Learn Engineering	PK-K	Science and Engineering	Ready Jet Go! Space Explorer	K-2	Science
PBS KIDS Measure Up!	PK-K	Math	Ready Jet Go! Space Scouts	K-2	Science and Engineering
Play & Learn Science	PK-K	Science	Nature Cat's Great Outdoors	K-3	Science
Splash and Bubbles for Parents	PK-K	Science	PBS KIDS ScratchJr	1-2	Coding
Splash and Bubbles Ocean Adventure	PK-K	Science	Outdoor Family Fun with Plum	1-3	Science and Engineering
The Cat in the Hat Builds That!	PK-K	Science and Engineering	Cyberchase Shape Quest	1-5	Math
The Cat in the Hat Invent's	PK-K	Science and Engineering	PBS KIDS Games app	K-2	Multiple Learning Goals
Jet's Bot Builder: Robot Games	K-2	Science and Engineering	PBS KIDS Video app	K-2	Multiple Learning Goals



pbskids.org/apps



Week 2: 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.

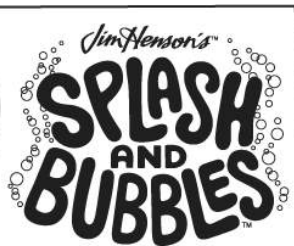
Use the sheet below to mark off this week's activities as you complete them. See if you can get a BINGO!

Playlists this week: www.michiganlearning.org/underwater



Make a pond viewer (pg. 29)	 60 mins. of activity	 Read 20 minutes	Draw a deep sea fish (pg. 28)	Watch Read, Write, ROAR!
 Read 20 minutes	 Watch Math Might	 Go fishing	Watch Live from the Opera House	 60 mins. of activity
 60 mins. of activity	Try the Glorious Great Lakes Challenge	 HAVE FUN! (Free Space)	 Go swimming	 Read 20 minutes
Watch Read, Write, ROAR!	Watch an ice cube change over time (pg. 31)	 Watch Math Might	Watch InPACT at Home	Watch Wimee's Words
Watch InPACT at Home	 Read 20 minutes	Start a paper tracker (pg. 32)	 60 mins. of activity	Tidy up the kelp forest! (pg. 27)

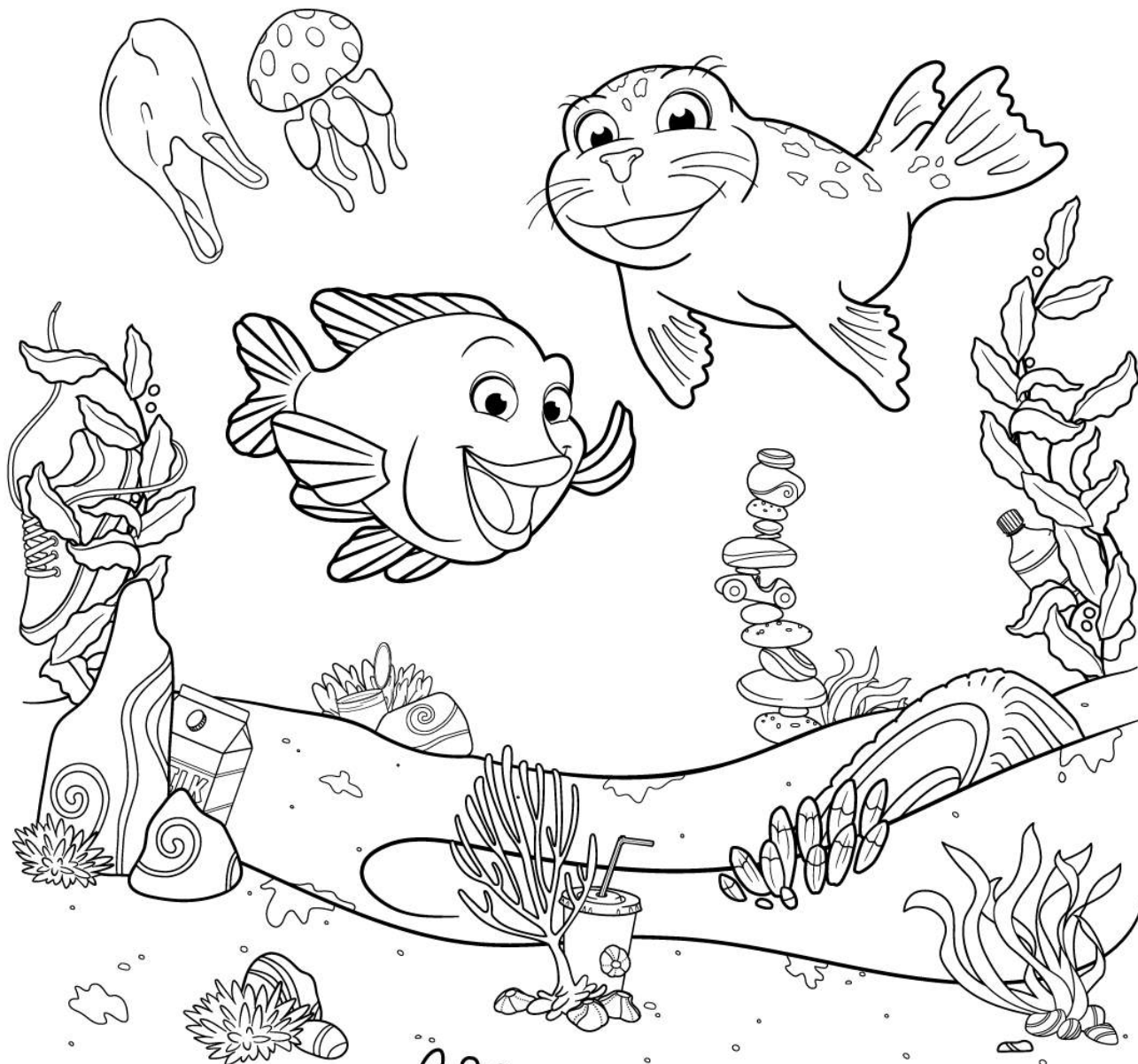




Name _____

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.



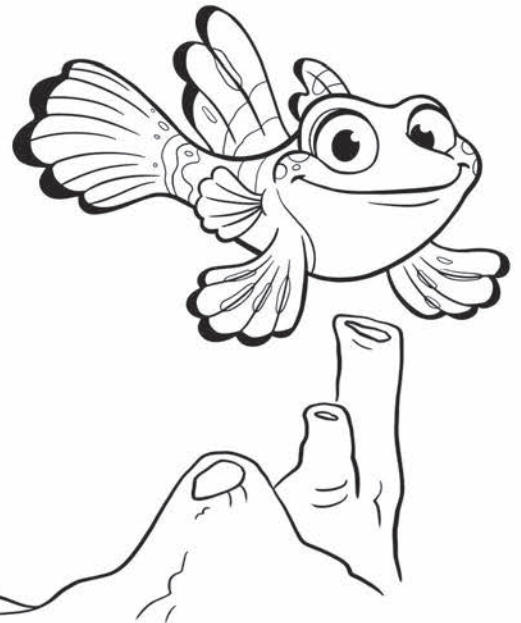
Reeftown Ranger Tip:

Never throw trash in the street. Rain can wash it down the storm drain and into rivers and streams. All rivers lead to the ocean!

Find more games and activities at pbskidsforparents.org



**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.

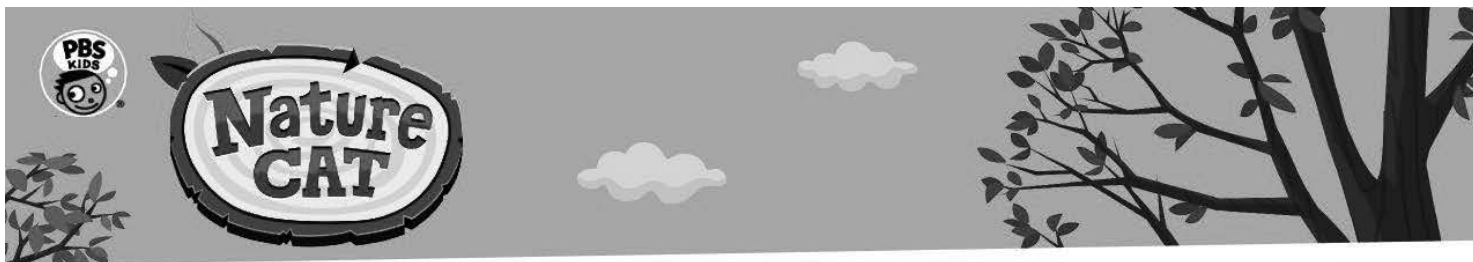
Jim Henson
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A POND WITH A VIEW

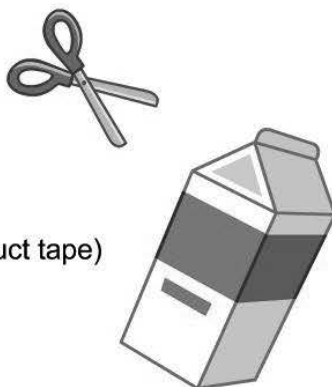
DIFFICULTY: EASY

While there is action all around a pond, what do you think is happening *in* the water? Ponds are filled with animal and plant life that have special qualities that help them spend all or most of their lives underwater. Make this pond viewer to bring on your next pond exploration!



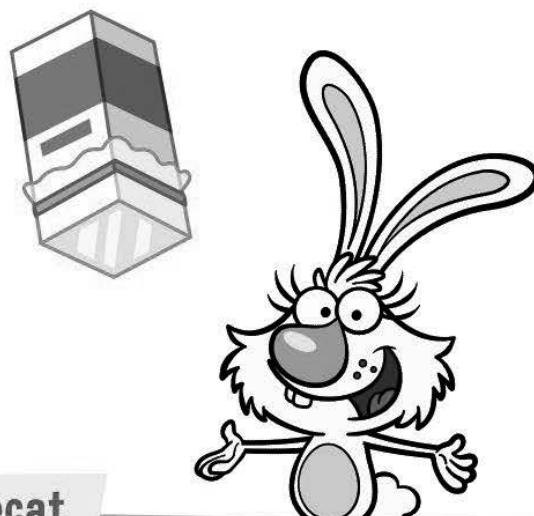
MATERIALS

- One-half gallon milk carton
- Scissors
- Waterproof, strong tape (e.g. duct tape) or a sturdy rubber band
- Heavy, clear plastic wrap

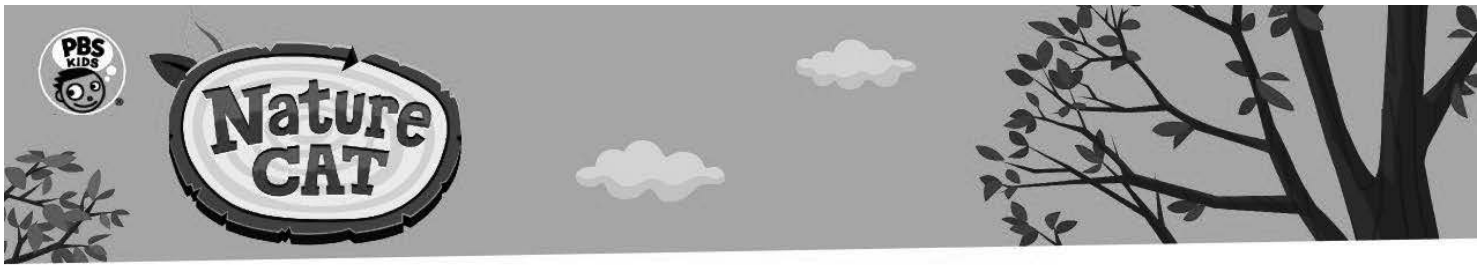


LET'S MAKE A POND VIEWER!

- 1 Have an adult cut off the very top of the milk carton and the very bottom to create a rectangular tube.
- 2 Tear off a sheet of plastic wrap and place it over one of the open ends. Fold down the plastic wrap... make sure wrap is smooth and tight for clear viewing.
- 3 Using the tape or the rubber band, secure the plastic wrap in place. Keep the plastic wrap as tight as possible so you have a flat viewing surface.

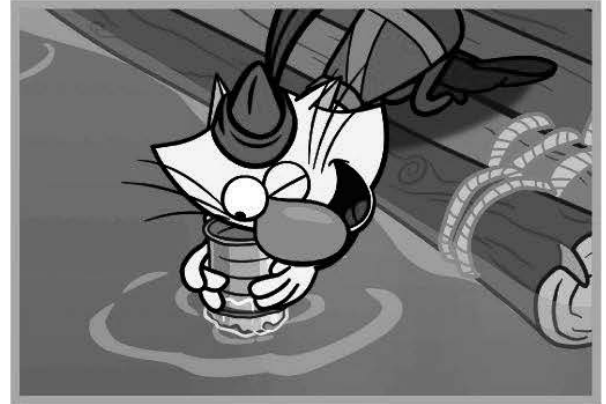


pbskids.org/naturecat



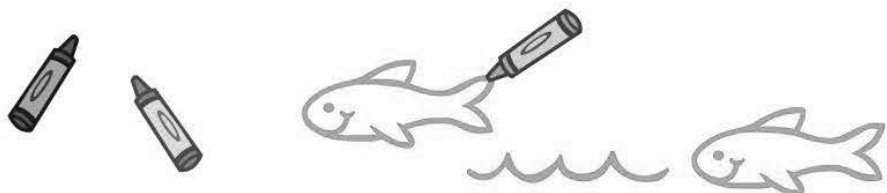
POND VIEWING TIPS

- 1 Splashing and stirring up mud will make it difficult to see into the pond. Be as still as possible when using your viewer.
- 2 Despite what NatureCat says, it is noble and fun to get wet! If the shoreline is murky, slowly wade out to your knees before using your viewer where it may be less murky.
- 3 Other ways to view: on a dock, over the side of a canoe, or in a stream, lake or tide pool!



LET'S TAKE A CLOSER LOOK

Describe a plant or animal that you see. Draw a picture of it, and ask an adult to help you identify and label your picture.



pbskids.org/naturecat



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



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Find more games and activities at pbskidsforparents.org

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PAPER TRACKER



RASTREADOR DE PAPEL

The paper you use at home comes from trees. Find out how much paper you use in a month.

1. Every time you go to throw away or recycle a piece of paper or cardboard, put it aside in a bag or box instead.
2. Then recycle any clean paper and compost or throw away any food-stained paper
3. Repeat this every week for a month.
4. At the end of the month, add up the number of pounds of paper you threw away each week. Put the total in the box in the chart below.

El papel que usas en casa viene de los árboles. Averigua cuánto papel utilizas en un mes.

1. Cada vez que vayas a tirar o reciclar un trozo de papel o cartón, guárdalo en una bolsa o caja.
2. Luego recicla el papel limpio y desecha el papel manchado de comida.
3. Repite esto cada semana durante un mes.
4. Al final del mes, suma la cantidad de libras de papel que desechaste cada semana. Pon el total en el cuadro de la tabla a continuación.

	pounds of paper libras de papel
Week 1 Semana 1	
Week 2 Semana 2	
Week 3 Semana 3	
Week 4 Semana 4	
TOTAL	
	pounds of paper libras de papel

If 100 people all used this much paper each month, how much paper would they use all together?

Si 100 personas usaran esta cantidad de papel cada mes, ¿cuánto papel usarían todos juntos?

100 people
100 personas

x

total pounds of paper per person
total de libras de papel por persona

=

pounds of paper
libras de papel

To find out how many trees it takes to make that much paper, use a calculator to multiply the total by .012.

Para saber cuántos árboles se necesitan para hacer esa cantidad de papel, utiliza una calculadora para multiplicar el total por 0.012.

pounds of paper
libras de papel

x .012

trees per pound
árboles por libra

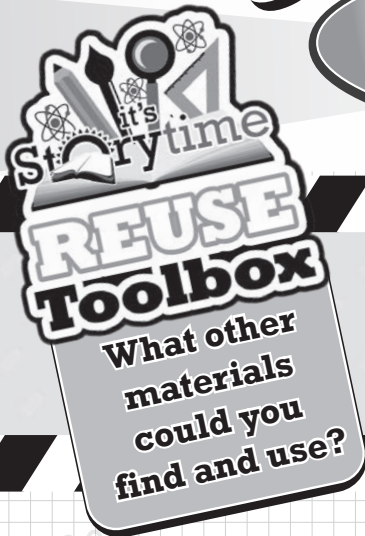
=

trees
árboles

Write down one thing you can do at home to use less paper
Escribe una cosa que puedas hacer en casa para utilizar menos papel

it's Storytime CHALLENGE

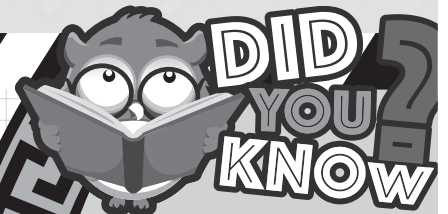
Glorious
Great Lakes



- Cardboard
- Glue
- Scissors
- Colored Paper
- Paper Towels
- Shaving Cream
- Beach Rocks

My Design Ideas:

How could I improve on my design for next time?



The five Great Lakes - Superior, Huron, Michigan, Erie and Ontario - span a total surface area of 94,600 square miles, making them the largest freshwater system in the world. More than 20% of the world's freshwater is in the Great Lakes!



- Peninsula
- Lake
- Fresh Water



- › Coast Guard
- › Environmental Engineer
- › Conservationist
- › National Park Service

Learning Standards: 2nd grade

Develop a model to represent the shapes and kinds of land and bodies of water in an area.

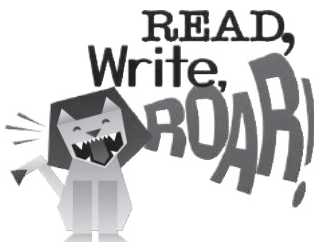
2-ESS2-2 MI Develop a model to represent the state of Michigan and the Great Lakes, or a more local land area and water body.

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from the
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HOUSE**
it's
Storytime



ACTIVITY GUIDE

Episode 204: Day and Night and Fun with -sh-, -th-, and -ch-

Scan below to watch lesson



Read It

Read the following poem out loud with someone you live with. Underline the words with the **sc** and **sk** blends.

Look up at the sky,
Do you see the clouds skip?
Sketch the night sky,
Do the stars seem to flip?
I have my book in hand to sketch all that I see,
Scoop up your markers or crayons and try to join me!

By Shernita Rodgers

Read It

Some words have two consonants that blend together at the beginning of words but still produce their own sounds. You will find this in the **s** blends **sc** and **sk**.

The s and c blend together to say /sc/.

The s and k blend together to say /sk/.

Sound out the words below. Then blend the sc and sk sounds together.

s c a n **scan**

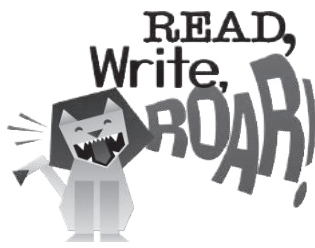
s k i p **skip**

Write It

Think about the story that you have been writing. What might be a good **lead sentence** to hook your readers? Remember to include the four w's.

Who _____ Where _____ What _____

When _____



ACTIVITY GUIDE

Episode 204: Earthquakes, Eruptions and "thr" words

Book: *Earthquakes, Eruptions, and Other Events that Change Earth* by Natalie Hyde

Scan below to watch lesson



Write It

Thr- is a blend that usually comes at the beginning of a word. It makes the /thr/ sound like in **throb**. Use a **thr-** word from the word box to complete each sentence.

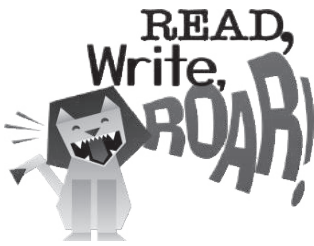
through throw throat thrill three thread throne

1. To pitch a ball, you _____ it.
2. This is the number that comes next in this sequence. one, two ,_____.
3. A king has a special chair that he sits in. It's called a _____.
4. An airplane can fly _____ a cloud.
5. Someone who is sewing is most likely going to use a needle and _____ to stitch the sweater up.
6. It was such a _____ to ride on that big roller coaster.
7. I was nervous and had to clear my _____, before I began my speech.

Draw It

Alliteration is when two or more words close together in a group of words all start with the same letter or sound. Read the following sentence out loud. Draw a picture to go with the sentence.

Shelly shows sheep how to shine shoes.



ACTIVITY GUIDE

Episode 203: Suffixes and Saving the Salmon

Book: *Swimming Salmon* by Kathleen Martin-James

Scan below to watch lesson



Phonics Skills

Read the paragraph out loud. Circle the words with the -ous and -en suffixes.

When visiting a lake, you might see a Ring-billed Gull. Although these birds eat fish and insects, you should tighten your grip on your sandwich. These adventurous gulls might feast on your leftovers! Cleaning up your snacks encourages gulls to eat their natural foods.

Try It

A **suffix** is a word part added to the end of a word to change a word and its meaning.

-ous
full of, having

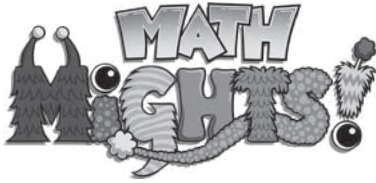
-en
to cause to be or have

We often drop the -e on base words when we add suffixes that start with vowels.

Write It

Combine each base word with the given suffix. Write the new word in the space provided and read each definition. Try using the new words in a sentence, and share them with a family member.

base word	suffix	new word	meaning
danger	ous		full of danger
fame	ous		full of fame
fright	en		to cause to be afraid
sharp	en		to cause to become sharp



Add & Subtract with Teen Numbers with Value Pak

Equation	Solve by drawing base ten blocks or model in a double ten frame
$13 = 10 + \square$	
$10 + 6 = \square$	
$17 = \square + 7$	
$10 + \square = 15$	
$2 = 10 - \square$	
$14 - 10 = \square$	
$\square = 18 - 10$	



Plot and Compare

Directions: Plot the numbers given on the number line and use $<$, $>$, or $=$ to compare the two numbers (example: $3 < 13$).

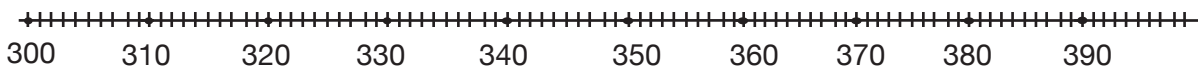
1.



Plot: **681, 618**

Compare (use $<$, $>$, or $=$) : _____

2.



Plot: **315, 366**

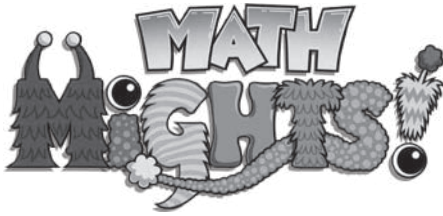
Compare (use $<$, $>$, or $=$) : _____

3.



Plot: **560, 460**

Compare (use $<$, $>$, or $=$) : _____



Fraction Match Up

Directions: Cut out all the cards. Scatter the cards face down in two piles, one with the fraction cards and one with the shape cards. 2 players take turns flipping over one card from each pile, trying to make a match. If you make a match, keep the pair next to you. If you don't make a match, flip both cards over and it's the other player's turn. The player with the most matching pairs wins!

$\frac{5}{6}$	$\frac{1}{4}$	$\frac{7}{8}$
$\frac{3}{8}$	$\frac{2}{6}$	$\frac{1}{2}$

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ELEMENTARY



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