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#### **Local PBS Stations**

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#### **Partner PBS Stations**

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#### 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.

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.



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

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

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

WCMU Alpena Channel 6.4

Cadillac Channel 27.4

Manistee Channel 21.4





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



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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

**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 -	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)
<b>9:30</b> AM		Math Mights (1st Grade)
10ам		Read, Write, ROAR! (2nd Grade)
10:30AM	1st - 3rd Grade	Math Mights (2nd Grade)
<b>11</b> AM	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		Math & Movement
2рм	4th - 6th Grade	Story Pirates
2:30pm	Grade	DIY Science Time, SciGirls
Зрм		Curious Crew
3:30рм	det 2nd	Cyberchase, Into the Outdoors
4рм	1st - 3rd Grade	Read, Write, ROAR! (2nd & 3rd Grade)
4:30pm		Math Mights (2nd & 3rd Grade)
5рм	Dressheel	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 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)	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	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	-3 Science	
12:30 pm/11:30c am	Xavier Riddle and the Secret Museum	K-2	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.

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



GREATLAKESNOW

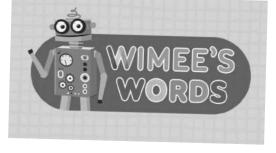


On TV. Online. Statewide.

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.

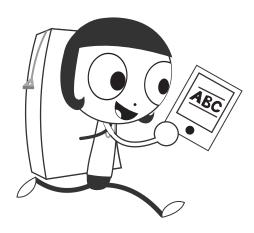
### **Apps for Social & Emotional Learning**

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

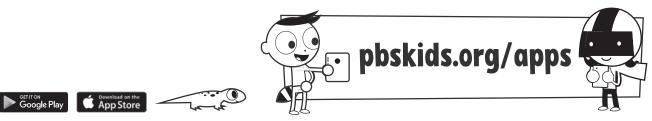




### Apps for STEM Learning (Science, Technology, Engineering & Math)

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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 4: Creatures



# July 11-17

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

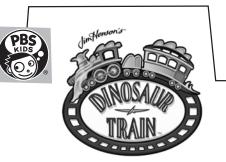
Use the sheet below to mark off this week's activities as you complete them. See if you can get a BINGO!

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

Invent a creepy cool creature (62)	<b>Å</b> 60 mins. of activity	Read 20 minutes	Catch a firefly	Watch Read, Write, ROAR!
Read 20 minutes	Watch Math Mights	Make tracks with clay (pg. 63)	Make bird obser- vations (pg. 64)	<b>بڑ</b> 60 mins. of activity
<b>A</b> 60 mins. of activity	Make a Rube Goldberg Machine	HAVE FUN! (Free Space)	Track the weather	Read 20 minutes
Watch Read, Write, ROAR!	Go fishing	Watch Math Mights	Watch InPACT at Home	Make a leftover recipe (pg. 66)
Watch InPACT at Home	Read 20 minutes	Write a creature adventure (pg. 61)	<b>بڑ</b> 60 mins. of activity	Move like a dinosaur (pg. 60)

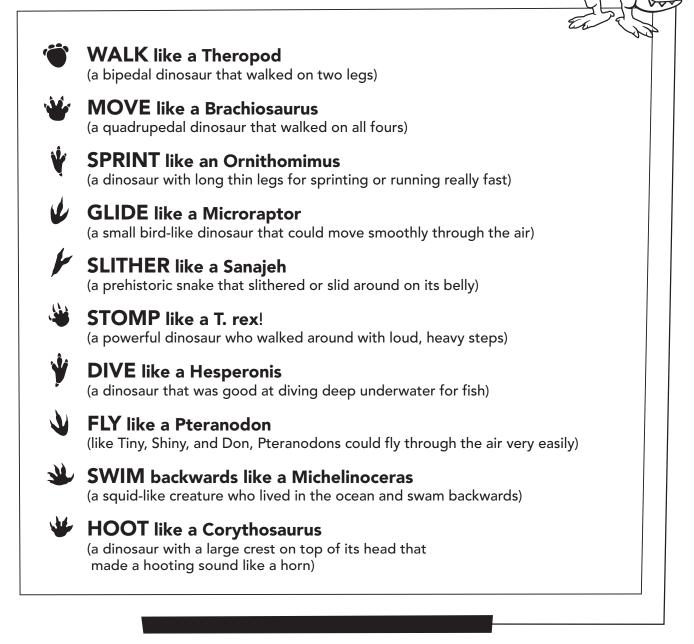






# Move Like a Dinosaur

**Instructions: Can you move like a dinosaur?** Here's a list of movements to get you and your child started! To play, have your child stand at one end of the room and move towards you using one of the prompts below.



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# **My Creature Adventure**

**Instructions:** It's time to write a creature adventure! To get started, choose a creature and a setting (where the adventure takes place). Then, decide on the plot (what happens to the creature in the setting). Use the space below to begin the story.


Find more games and activities at pbskids.org/wildkratts



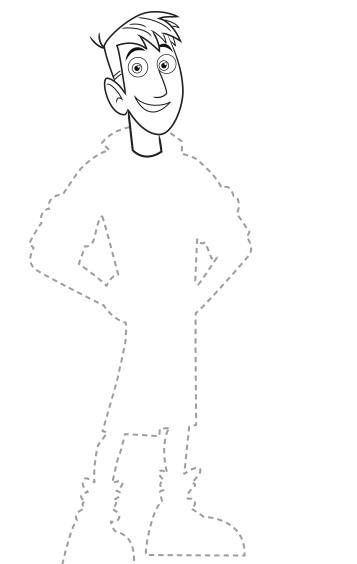
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### Invent A Creepy Cool Creature

Think about what features make a creature creepy. Draw the creepiest creature you can invent, then make a cool Creature Power<sup>®</sup> suit for Martin to wear.



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

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# MAKIN' TRACKS WITH PLAY DOUGH!

#### DIFFICULTY: EASY

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

You can also make your own tracks to compare with friends, your pet, or one of the Nature Cat gang! Using play dough, make YOUR nature tracks to create an artistic masterpiece!



# MATERIALS

- Nay dough
- 😵 Rolling pin

5

Washable paint and paintbrush (optional)

# CAPTURE YOUR TRACKS

- Make two balls with your dough.
- 2 Roll out each dough ball on a flat surface until it is a little bit bigger than your foot.
  - Ready? Press your hand into one piece of the dough.
  - Now repeat with a foot (or a patient pet.)
  - Let it dry and add some color with paint!



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

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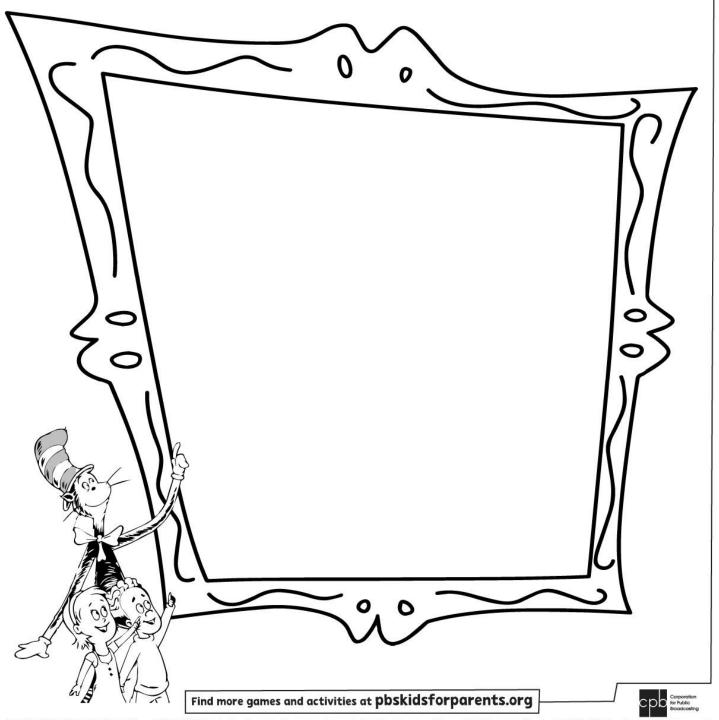






Name

Look out a window and draw a bird that you see. Tell someone else about the bird. Share what you notice — for example, the colors of the feathers or the shape of its beak. What was it doing?



THE CAT IN THE HAT KNOWS A LOT ABOUT THATI Season 3 © 2017-2018 OTH Productions III Inc; Based on the original television series created by Portfolio Entertainment Inc; and Collingwood & Co. Dr. Seuss Books & Characters TM & © 1957, 1958 Dr. Seuss Enterprises, L.P. All rights reserved. The contents of this document were developed under a cooperative agreement (PR/Award No. 1295A150003, CFDA No. 54 (295A) from the U.S. Department of Education. However, these contents do not necessarily represent the policy of the Department of Education and you should not assume endorsement by the Foreface II over minute PS KIDS and the PS KIDS can the PS KIDS can the net registred trademating Service. Used with permission. Made available by the Corporation for Public Broadcasting, a private corporation function by the American people.





## LEFTOVER RECIPE CHALLENGE DESAFÍO DE LA RECETA DE SOBRAS

Getting creative with leftovers helps waste less food! Can you help Jackie use her leftover foods to make an exciting new recipe? Pick three of the foods in Jackie's refrigerator below to combine into a new recipe. Draw your leftover creation on the recipe card on the next page. Be sure to add a name for your new dish! ¡Al usar las sobras de forma creativa, se desperdicia menos comida! ¿Puedes ayudar a Jackie a usar las sobras de comida para crear una receta nueva? Escoge tres alimentos del refrigerador de Jackie para combinarlos en una receta nueva. Dibuja lo que creaste en la tarjeta de recetas de la página siguiente. ¡No olvides escribir un nombre para tu plato nuevo!





### LEFTOVER RECIPE CHALLENGE DESAFÍO DE LA RECETA DE SOBRAS

### MY NEW RECIPE MI RECETA NUEVA

Try the same thing with leftovers at home! Make a list of the leftover food in your refrigerator, so that everyone in the family knows what you have. Challenge the whole family to use those leftovers to make new recipes. Don't forget to use "ugly" fruits and veggies too!"

Our Leftovers &

¡Intenta hacer lo mismo con las sobras que tienes en casa! Haz una lista de las sobras de comida que tienes en tu refrigerador para que todos en tu familia sepan lo que hay. Desafía a toda la familia a usar esas sobras para crear recetas nuevas. "¡No olvides usar frutas y verduras que estén 'feas', también!"



# ACTIVITY GUIDE

**Episode 208:** Authors Share Writing



### Sort It

**Blends** are created when two consonant letters blend together at the beginning of words, but we can still hear each of their sounds.

Read the words in the word box below. Write each word under their correct Sblend.

star spend swam spin sweater storm swim spot stop

SW	st
	SW

Read It	Draw It
<ul> <li>Read If</li> <li>Read the following sentences out loud. Underline the words with the sp, sw, and st blends.</li> <li>1. We looked for a spot on the crowded beach.</li> <li>2. "A storm is coming!" said Matt.</li> <li>3. Other people continued to</li> </ul>	Draw a picture to match the sentence. I wore a sweater during the winter storm.
swim.	Look out for words with the <b>sp</b> , <b>sw</b> , and <b>st</b> blends when reading your favorite books.



# ACTIVITY GUIDE

**Episode 208:** Garbage vs. Recycling and Making Words **Book:** *Garbage or Recycling?* by Deborah Chancellor and Diane Ewen



Think About It	Words to Know		
	WOLDS TO KHOW		
Read the following statements,			
Which are true and which are false?	<b>Recycling</b> is when we take		
	materials that we were going to		
It's impossible to recycle a soda pop	throw away and put them through a process so they can be made into		
can	something else.		
	0.000		
	These symbols are found on		
Over half of the garbage we throw	<b>plastic</b> items that can be recycled.		
out can be recycled	A A A A		
	21,2 č <sup>2</sup> ,2 č <sup>3</sup> ,2 č <sup>4</sup> ,2		
Plastic garbage often ends up in the	PETE HDPE V LDPE		
sea			
Draw It			

Look at each object. Decide if it can be recycled or if it should be thrown in the garbage. Draw a line from each object to where it belongs.





# ACTIVITY GUIDE

**Episode 207:** Closed Syllables and Climate Challenges **Book:** *Magic School Bus and the Climate Change Challenge* by Bruce Degen



### Read It

One strategy readers can use to read a word more accurately is to break it into syllables, or word parts.

Rules for Dividing Syllables

Every syllable has one vowel or vowel team.

-Place a dot under each vowel

-Underline any vowel teams,

-Divide between two consonants

### Foundational Skills

A **syllable** is a word part that has one, and only one vowel sound. Sometimes a syllable will have more than one of these vowels, but they work together to make only one sound.

A **closed syllable** is a special kind of syllable. Closed syllables have ONLY one vowel that is followed by one or more consonants. Closed syllables USUALLY have vowels that make their short vowel sound.

### Try It

Use the rules for dividing syllables above to break the words into word parts.

plastic

landfill







# Near Doubles with Abracus

Directions: Use the ten frames to solve the problems.

Ten Frame	Double	Double + 1
	7 + 7 =	7 + 8 =
	4 + 4 =	4 + 5 =
	8 + 8 =	8 + 9 =
	3 + 3 =	3 + 4 =
	6 + 6 =	6 + 7 =

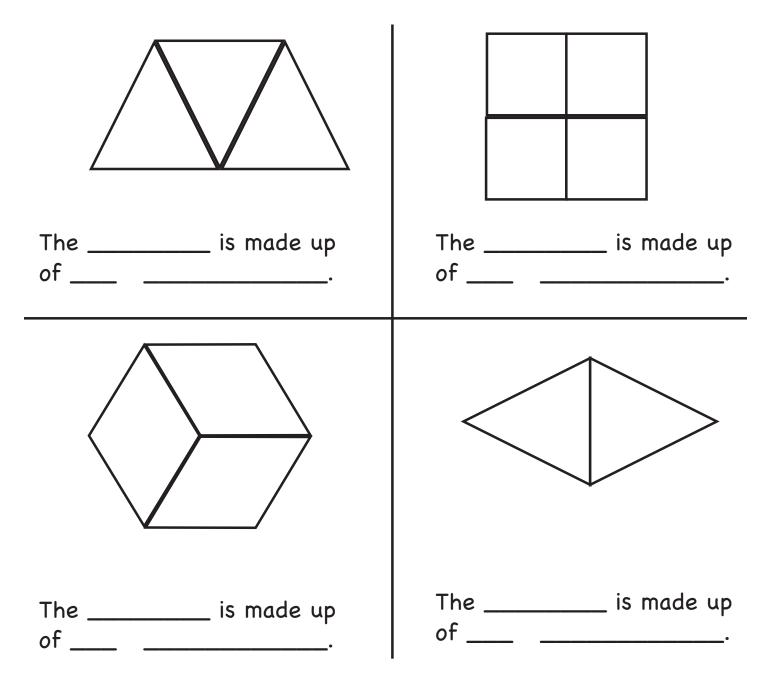
Math Mights 1st Grade #207 | © Strategic Intervention Solutions, LLC | <u>mathmights.org</u>





Describe The Shape

Directions: Fill in the blanks. (Example: The rectangle is made up of 3 squares.



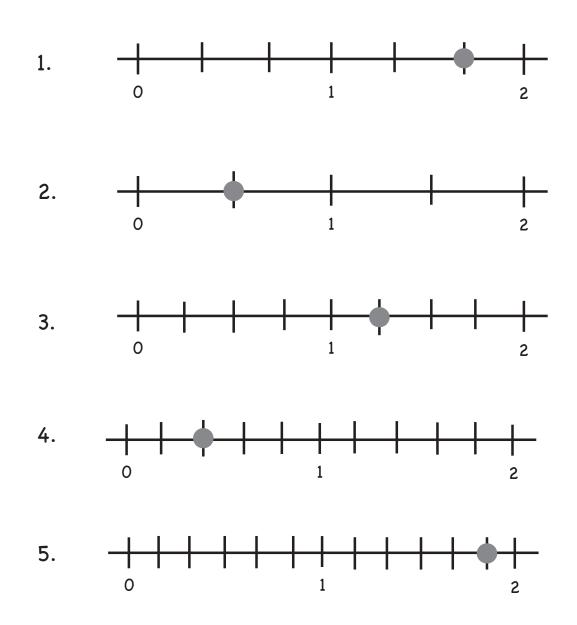
Math Mights 2nd Grade #310 | © Strategic Intervention Solutions, LLC | mathmights.org





Guess The Fraction

**Directions:** Guess which fraction is displayed with a dot on the number line. Label the fraction.



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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

# Michigan LEARNING CHANNEL A PUBLIC MEDIA PARTNERSHIP

FUN ACTIVITY BOOK

On TV. Online. Statewide. 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.

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ELEMENTORY