

Week 3: Heroes

July 8-14

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

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

Scan the QR code or visit www.michiganlearning.org/heroes to see the playlist of videos for this week.



Design a gadget with Hero Elementary	 Do 60 mins. of activity	 Read for 20 minutes	Make bubble mix	Watch Read, Write, ROAR!
 Read for 20 minutes	 Watch Math Might	Spot a mail truck outside	 Do a good deed	 Do 60 mins. of activity
 Do 60 mins. of activity	Draw a picture of your hero	 HAVE FUN! (Free Space)	Watch Meet the Helpers	 Read for 20 minutes
Watch Read, Write, ROAR!	 Do a good deed	 Watch Math Might	Watch InPACT at Home	Give yourself a superhero name
Watch InPACT at Home	 Read for 20 minutes	Try a new food	 Do 60 mins. of activity	Spot a fire truck outside



Episode 1, Christina and Andrés meet Marco, a Nurse Practitioner



Coloring

While you listen, meet Christina, Andrés, BoomBox...

I wonder...
How can Nurse Marco help
Andrés feel better?



Andrés

BoomBox

Christina

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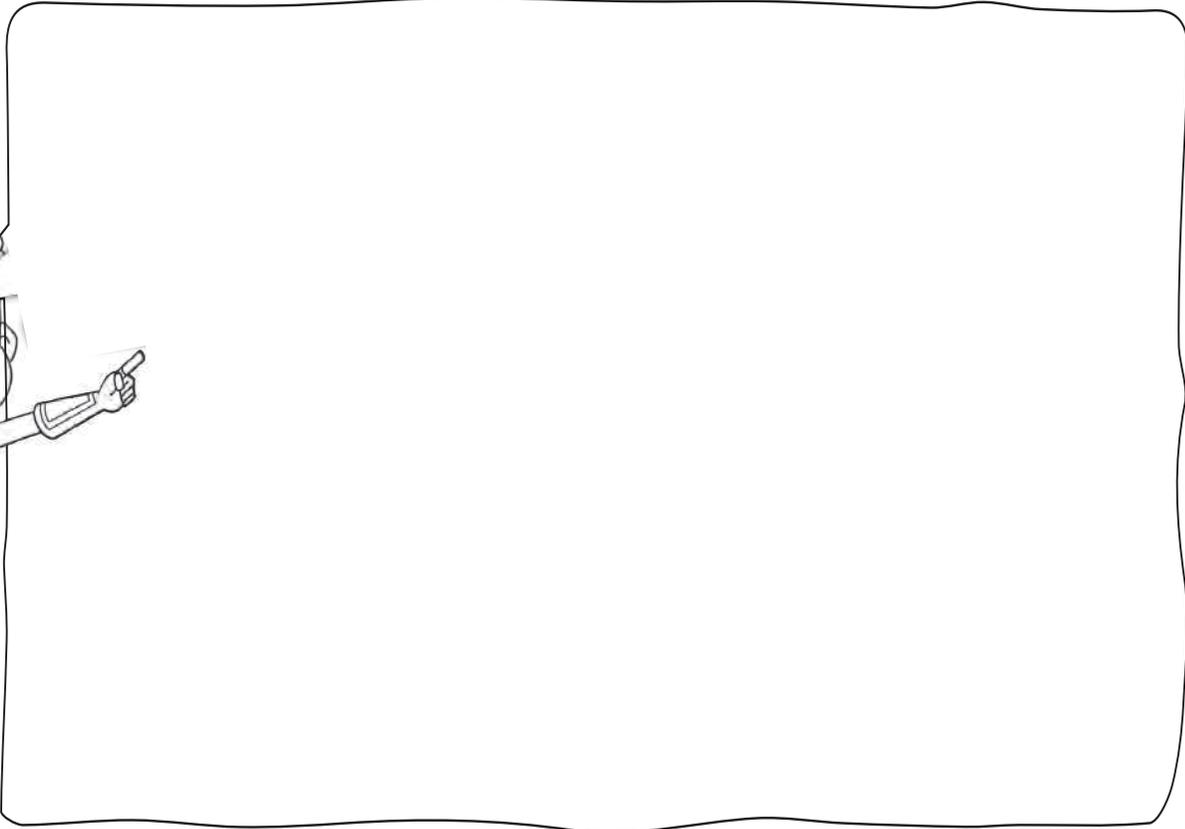


Gadget Gurus

Create a gadget! AJ Gadgets makes super tools from everyday items. You can too! Create a gadget from recyclables. Think about AJ's greatest gadgets: Arm-O-Matic, Rope Launcher, Twigcam, Dragonfly Drone, Launcher, Lacer Racer, Tooth Brushing Gadget, Night Vision Goggles. Next, take some time to think about what you would like to build. Draw your ideas below. Then, gather objects to complete your design! Be sure to ask a grownup for help if you need it.

What you need:

- **Pencil and eraser Recyclables:** cardboard boxes, plastic bottles, tin cans, newspapers/magazines, old toys, or other old objects (don't use if there are sharp edges)
- **Joiners:** tape, glue, string, wire, pipe cleaners
- **Decorators:** paint, crayons, markers, stickers, and other craft supplies
- **Cutters:** scissors, hole punchers, etc. Be sure to use a grownup helper!



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For more games and activities, visit pbskids.org/heroelementary

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Bubble Up!

Make a bubble mix at home for some outdoor fun!

What you need:

- 1/2 cup liquid dish soap
- 1/4 cup glycerin (from a pharmacy) or corn syrup (from a grocery)
- 2 cups water
- Bowl (or bucket)
- Spoon or chopstick

What to do:

Pour water, dish soap, and glycerin (or corn syrup) into the bowl or bucket. Stir slowly to mix the liquids, but to keep bubbles from forming. Dip the wand you created (see below) into the mixture and blow bubbles!

Create a Wand!

What you need:

- Pipe cleaners
- Your choice of the following:
 - wire coat hanger
 - cookie cutters
 - old sandbox or beach toys
 - kitchen utensils (ask a parent first!)
 - fly swatter

What to do:

AJ Gadgets makes tools from everyday things and you can too! Create a bubble wand – small or supersized. The larger the bubble wand, the larger the bubbles!

A bubble wand has two parts:

1. A shape (circle or square) with a hole in the middle
2. A handle

Use pipe cleaners or wire to attach the two parts of the bubble wand. Dip the wand into the bubble mixture you created (see above) and blow bubbles!

Find more games and activities at pbskids.org/heroelementary



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ACTIVITY GUIDE

Episode 206: Earth's Hemispheres and Character Dialogue

Scan below to watch lesson



Words to Know

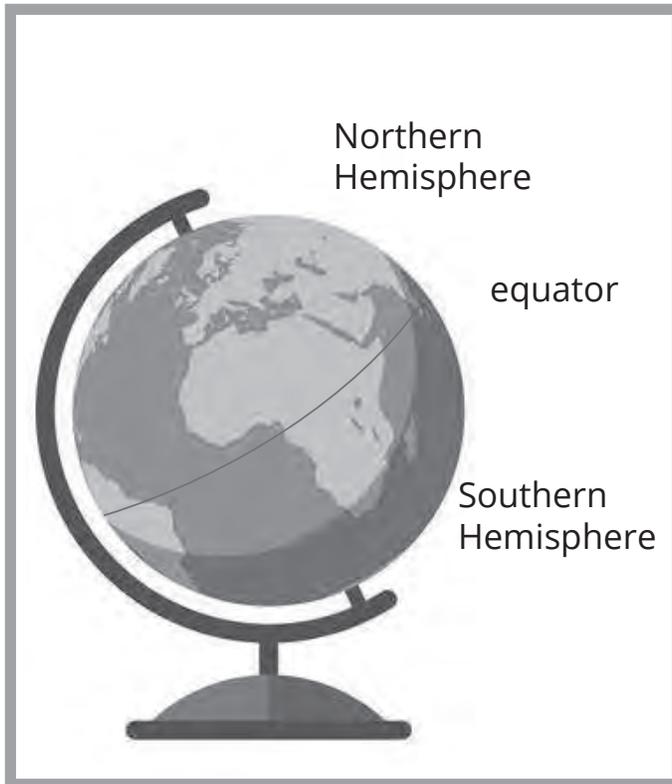
equator - The imaginary line around the middle of the Earth

hemisphere - a half of a sphere or ball

opposite - completely different or located at another side or end

rotate - to move or spin from the center or axis in a circular motion

tilt - when an object is a little bit higher on one side than it is on the other side



Write It

Use the words from above to fill in the blanks.

The _____ separates the northern and southern _____(s). We have day and night because the Earth _____(s) on its axis. We have the seasons because the Earth is _____(ed). If it is summer in the northern hemisphere then it is winter in the southern hemisphere. That is because the northern and southern hemispheres have _____ seasons.



ACTIVITY GUIDE

Episode 205: Earthquakes, Eruptions and Making Words

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

Scan below to watch lesson



Foundational Skills

Read the words in the Word Bank. These are all processes that change the Earth's surface. Write a word from the Word Bank on the line that matches each picture and key word in the same row.

earthquake volcano tsunami landslide



wave



slide



erupt



shake



ACTIVITY GUIDE

Episode 205: Prefixes and Saving the Salmon Part 1

Book: *Come Back, Salmon* by Molly Cone

Scan below to watch lesson



Read It

Read the paragraph out loud. Circle the words with the after- and under- prefixes.

Piping Plovers are hard to spot! These endangered, sandy-colored birds are almost invisible on the beach. It is easiest to see plovers when they sprint toward worms and insects that hide just underground. When plovers chase their afternoon snack, you might see their white underside and orange legs.

Foundational Skills

A **prefix** is a word part added to the beginning of a word to change a word and its meaning.

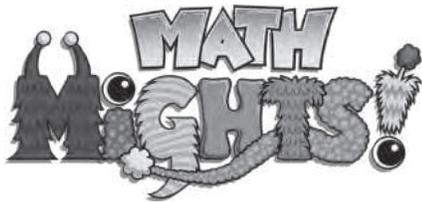
after-
later or after

under-
below or less

Try It

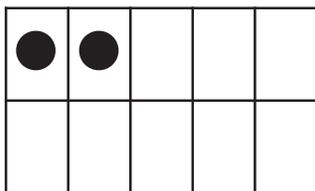
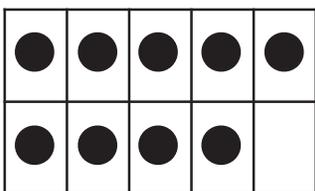
Combine each base word with the given prefix. Write the new word in the space provided and read each definition. Try using the new words in a sentence, and share them with a family member.

base word	prefix	new word	meaning
effect	after-		result that happens after some time has passed
eat	over-		eat less than you should
thought	after-		something you think about later
ground	under-		below ground

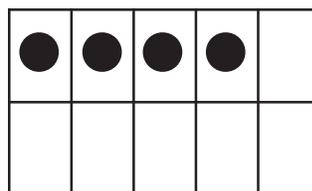
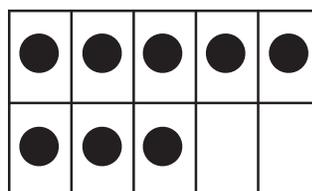


Make a 10 With D.C.

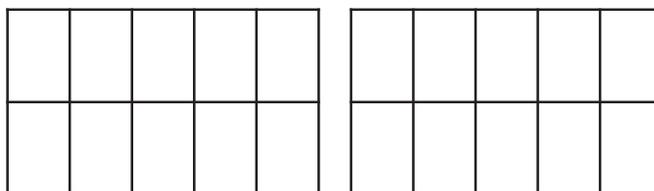
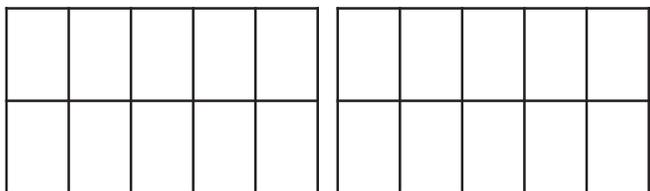
Directions: Use the ten frames to make 10. Solve the addition problem.



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



$$7 + 5 = \square$$

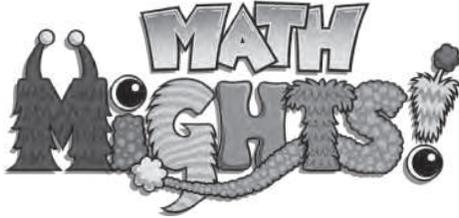
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graph TD; 7 --- 5; 7 --- 2; 5 --- C1(( )); 2 --- C2(( ))
```

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$9 + 8 = \square$$

```
graph TD; 9 --- 8; 9 --- 1; 8 --- C1(( )); 1 --- C2(( ))
```

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



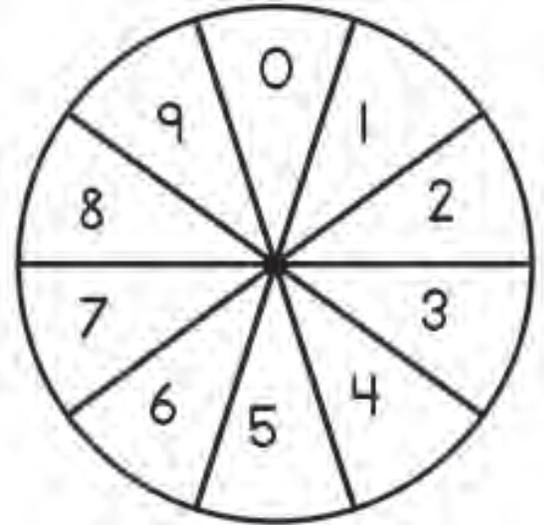
Which is Greater?

Materials:

- spinner (poke a paperclip through the template to the right)
- place value board (one for each partner)

Directions:

1. Work with a partner to try to make the greatest 3-digit number you can.
2. Player 1 spins. Player 1 decides if the number should go in the ones, tens, or hundreds place to make the largest 3-digit number. (ex: I rolled a 2 and I think it should go in the ones place because it is a low number. In the hundreds place, it would only be 200.) Use the place value board to build your number.
3. Player 2 repeats step 2. Continue taking turns spinning until both players have built their 3-digit number. Record your numbers on the chart below.
4. Work with your partner to compare the 2 numbers and fill in $<$, $>$, $=$. The player with the greater number wins! Play 5 rounds and the best out of 5 wins!

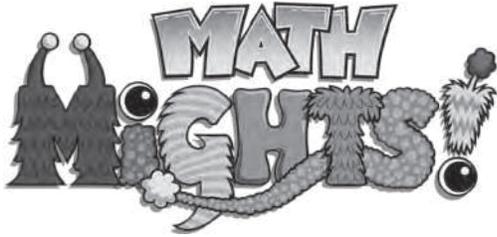


Round	Player 1	Symbol < > =	Player 2	Winner
1				
2				
3				
4				
5				

Place Value Boards

hundreds	tens	ones

hundreds	tens	ones



Locate the Fraction

Directions: Partition each number line. Locate and label each fraction.

