



AT-HOME LEARNING

A Free Resource from PBS North Carolina



North Carolina Department of
PUBLIC INSTRUCTION



**PBS NORTH
CAROLINA**
POWERED BY THE UNC SYSTEM

**NC STATE
UNIVERSITY**

William and Ida Friday Institute
for Educational Innovation

PBS North Carolina is here all summer long to support teachers, caregivers and students with state curriculum-informed educational programming and free, online digital learning resources.



Tune In or Stream Online

Literacy lessons air Tuesdays and Fridays.
Math lessons air Mondays and Thursdays,
8-10 AM on PBS NC.

- Lessons are North Carolina **standards-aligned**
- Lessons are designed and hosted by **real teachers** from North Carolina districts
- Access to lessons is **free**
- Access to lessons **does not require internet**, will broadcast over-the-air on PBS NC

Classroom Connection provides effective, high-quality learning for PreK through third grade, on the PBS NC channel—no internet required. These fun-filled programming blocks include standard-aligned math and literacy lessons designed and taught by North Carolinian teachers, educational PBS KIDS favorites and extended learning activities from statewide educators.

Remote learners with limited broadband have the same access as their classmates and lessons air during school hours. PBS NC's At-Home Learning resources are also available on our website and through the NCDPI YouTube channel, and easy for our caregivers, teachers and administrators to share.

Learn More at pbsnc.org/athomelearning

WEEKLY SCHEDULE

■ PreK–Second Grade Lessons

■ Third Grade Lessons

	8 AM	9 AM
MONDAY	MATH	MATH
TUESDAY	LITERACY	LITERACY
THURSDAY	MATH (Repeat)	MATH (Repeat)
FRIDAY	LITERACY (Repeat)	LITERACY (Repeat)

New lessons air Mondays and Tuesdays, 8-10 AM, on PBS NC (repeats air Thursdays and Fridays). Stream online at pbsnc.org/ahl.

The Case of the Missing Evidence - Text

Lesson Title: Evidence. Can you Crack the Case? **Designer:** NC DPI

Discipline: Literacy **Grade Level:** 3

Activity 1

(Appropriate for DURING the Broadcast Lesson)

Activity Goal: Use details from the text to support answers to questions about a text

Targeted Literacy Skills: Asking and answering Questions

Materials: *Dear Mr. Rosenwald* by Carole Boston Weatherford

Steps:

1. Read the section from the book *Dear Mr. Rosenwald* titled "Box Party."
2. Answer the following question: *What is a box party?*
Provide 2-3 details from the text that support your answer. (Feel Free to use this [graphic organizer](#))

Activity 2

(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Ask and answer questions about a text; use details from the text (textual evidence) to support your answers.

Targeted Literacy Skills: Asking and answering questions.

Materials: Any text

Steps:

1. Read any fictional text.
2. As you read, write down one question that came up while you were reading.
3. Find 2-3 details from the text that answer the question you created. (Feel Free to use this [graphic organizer](#))
4. Have child share his/her thinking aloud.

The Case of the Missing Evidence - Text

Lesson Title: Evidence. Can you Crack the Case? **Designer:** NC DPI

Discipline: Literacy **Grade Level:** 3



Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Think Digital Notetaker (ReadWriteThink) - <http://www.readwritethink.org/classroom-resources/student-interactives/readwritethink-notetaker-30055.html>
 - Asking and Answering Questions Video (TeachingWithoutFrills) - <https://www.youtube.com/watch?v=C2fWZHaNugc>
 - Asking and Answering Questions in an Informational Text Video Lesson (eSparkLearning) - <https://www.youtube.com/watch?v=7C8CZjcnlq4>
- **Teacher-Facing**
 - Strategy Guide: Depend on the Text! How to Create Text-Dependent Questions (ReadWriteThink) - <http://www.readwritethink.org/professional-development/strategy-guides/depend-text-create-text-31024.html>
 - Lesson: Developing Students' Critical Thinking Skills Through Whole Class Dialogue (ReadWriteThink) - <http://www.readwritethink.org/classroom-resources/lesson-plans/developing-students-critical-thinking-326.html?tab=2#tabs>
 - Lesson: Applying Question and Answer Relationships to Pictures (ReadWriteThink) - <http://www.readwritethink.org/classroom-resources/lesson-plans/applying-question-answer-relationships-370.html>

Lesson Title: Quadrilateral Riddle Designer: Jasmin Nabors
Discipline: Math Grade Level: 3

Activity 1: Identifying Quadrilaterals and Polygons
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Sort quadrilaterals and non quadrilaterals.

Targeted Math Skills: Distinguish quadrilaterals from other shapes.

Materials: Paper, writing utensil, scissors, Sally's Shape Sort - G1
(Tools4NCTeachers) - <https://tinyurl.com/ypy7vgne>

Steps:

1. Present child with cut out shapes from Sally's Shape Sort handout.
2. Have child make a two-column chart on piece of paper.
3. One column will be titled 'quadrilaterals' and the other 'polygons'.
4. Have students sort shapes and explain why a shape is a quadrilateral or not.

Activity 2: Two Dimensional Shapes
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Create a riddle about a quadrilateral for someone else.

Targeted Math Skills: Reason with two-dimensional shapes and their attributes.

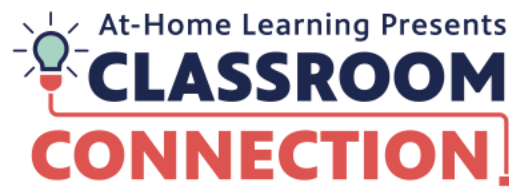
Materials: Pencil and paper.

Steps:

1. Think of the shape you want to write a riddle about.
2. Write between 2 and 4 clues about your shape.
3. You can write clues about which sides are congruent, how many angles the shape has, how many sides it has, and if it is a quadrilateral or polygon.
4. Present your riddle to someone at home and see if they can solve it!
5. You may want to give them choices to choose from such as square, rectangle, rhombus, trapezoid, circle, triangle.

Extension: See if you can create a riddle for a shape using only one clue! What information would you need to include to help someone else correctly identify the shape?

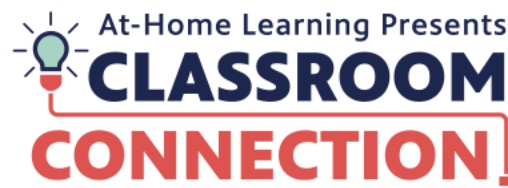
Lesson Title: Quadrilateral Riddle Designer: Jasmin Nabors
Discipline: Math Grade Level: 3



Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Pattern Blocks (Glencoe)
- http://www.glencoe.com/sites/common_assets/mathematics/ebook_assets/vmf/VMF-Interface.html
 - Identifying shapes (MathPlayground) - https://www.mathplayground.com/ASB_Kangaroo_Hop.html
 - Pattern Blocks (MathPlayground) - <https://www.mathplayground.com/pattern-blocks.html>
 - Quadrilateral Game (IKnowIt) - <https://www.iknowit.com/lessons/d-geometry-quadrilaterals.html>
 - Quadrilateral Game (ZapZapmath) - <https://www.zapzapmath.com/shape-games-for-kids/classifying-quadrilaterals>
 - Quadrilateral Game (Sheppard Software)
- <https://www.sheppardsoftware.com/mathgames/geometry/shapeshoot/QuadrilateralShapesShoot.htm>
- **Teacher-Facing/Family-Facing**
 - Learn about and create quadrilaterals (Math is Fun)
- <https://www.mathsisfun.com/geometry/quadrilaterals-interactive.html>
 - Overview of Quadrilaterals (Khan Academy) - <https://www.khanacademy.org/math/cc-fifth-grade-math/properties-of-shapes/imp-quadrilaterals-2/v/quadrilateral-overview>
 - What are Quadrilaterals (SplashLearn) - <https://www.splashlearn.com/math-vocabulary/geometry/quadrilateral>

Lesson Title: Fruit Salad Designer: Claudia Munoz
Discipline: Literacy Grade Level: PreK-K



Activity 1: Dramatic play “Welcome to our restaurant”

(Appropriate for BEFORE/AFTER the Broadcast Lesson)

Activity Goal: Segmenting initial sounds while playing restaurant.

Targeted Literacy Skills: Onset sounds

Materials: Paper, pencil or crayon, any toys or props that add to the game.

Steps:

1. Using the paper and pencil work together to create a menu for your restaurant. What will you serve? Help the superlearner segment the first sound of each item, say it slowly as you help them write it on the paper.
2. Take turns being the chef and customer. When the customer chooses a meal, the chef listens carefully to the word, repeats it slowly, and then points to the item on the menu.
3. When the chef points to the right item, the customer pretends to gobble up the food!

Activity 2: Preparing Fruit Salad

(Appropriate for BEFORE/AFTER the Broadcast Lesson)

Activity Goal: Recognize sound of the initial letter of each word.

Targeted Literacy Skills: Phonemes

Materials: Any fruit, 1 bowl, paper or recipe card and pencil, 1 big spoon. If you don't have fruit, remember super learners love to pretend!

Steps:

1. Ask your super learner to help make a pretend or real fruit salad.
2. As the super learner chooses fruit to add, encourage them to add to the recipe with an emphasis on the initial sound of each fruit. Call attention to individual phonemes in the word in any and all languages spoken in your home.
3. Enjoy the real or pretend salad and share the recipe with friends and family.

Lesson Title: Fruit Salad Designer: Claudia Munoz
Discipline: Literacy Grade Level: Graciela Munoz
PreK-K

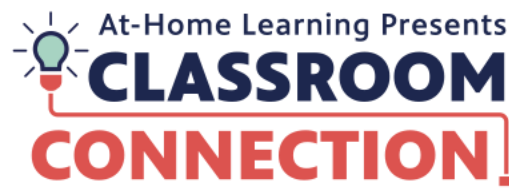


Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - El cocodrilo. The crocodile. Follow and play along with the crocodile game. Help the teachers identify the vowels the crocodile ate. (Simply Bilingual) - <https://www.youtube.com/watch?v=9RNd6NsLWY0>
 - Vowels Song (Kids Educational Games) - <https://www.youtube.com/watch?v=WdQruxAxrew>
- **Teacher-Facing**
 - Spanish playground offers engaging early literacy instruction activities that can encourage super learners to identify phonemes in Spanish and English. (Spanish Playground) - <https://www.spanishplayground.net/spanish-alphabet-activities-teach-vocabulary/>
 - Phonemic activities for the preschool or elementary classroom (Reading Rockets) - <https://www.readingrockets.org/article/phonemic-activities-preschool-or-elementary-classroom>

What kind of objects
Lesson Title: are around me?
Discipline: Math

Claudia Munoz
Designer: Graciela Munoz
Grade Level: PreK-K



Activity 1: Grouping flat shapes
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Group flat shapes with the same attributes.

Targeted Math Skills: Grouping; flat shape identification.

Materials: Shape cutouts (4 circles, 2 squares, 5 triangles, 3 rectangles; shapes of same type should be different sizes, colors, and orientations)

Steps:

1. Spread out all shapes on a table or on the floor.
2. Invite the child to group shapes based on those with similar attributes (i.e., number of sides, lengths of sides, number of angles, size of angles).
3. Guide the child toward grouping by shape-type (i.e., circle, square, triangle, rectangle); discuss common and differing attributes of each shape-type.

Activity 2: Can you find the objects?
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Use positional terms to locate the position of an object (key terms: under, to the side, behind, inside, between, on top of, in front of).

Targeted Math Skills: Describe location/position; spatial sense.

Materials: Multiple objects from around your environment (e.g., spoon, bowl, cup, napkin, tissue box, shoe, stuffed animals).

Steps:

1. Place the objects on a table or on the floor in a loose grouping.
2. Ask the learner to describe where objects are located in positional terms based on their location in relation to other objects (e.g., Trusted Adult: "Where is the spoon?" Child: "The spoon is next to the tissue box and below the bowl.")

What kind of objects
Lesson Title: are around me?
Discipline: Math

Claudia Munoz
Designer: Graciela Munoz
Grade Level: PreK-K



Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Practice shapes and colors in Spanish with this video (Patito de Hule)
- <https://youtu.be/8EooNSe0oA4>
 - Shapes and colors (EDUBuzzKids)
- <https://www.youtube.com/watch?v=JIm8t7iDzdk>
- **Teacher-Facing**
 - Shapes and Their Attributes (UNC-TV/PBS Learning Media)
- <https://unctv.pbslearningmedia.org/subjects/mathematics/k-8-mathematics/geometry/shapes-and-their-attributes/>
 - Foundational Math Topics - Shape (Erikson Institute Early Math Collaborative) - <https://earlymath.erikson.edu/big-ideas/shapes-can-be-defined-and-classified-according-to-their-attributes-geometric-shapes-for-kids/>
 - 21 Creative Ways to Teach 2D Shapes in Kindergarten (Kindergarten Works) - <https://www.kindergartenworks.com/guided-math/teaching-2d-shapes-in-kindergarten/>

Lesson Title: Consonant Blends (l-blends) **Designer:** Jill Grifenhagen
Discipline: Math **Grade Level:** 1-2



Activity 1: Word Sort

(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Sort the words by the correct beginning l-blend.

Targeted Literacy Skills: Phonics

Materials: Pencil, scissors and glue, paper to make a word sort or print off a digital version using this link - <https://tinyurl.com/tj4q3zpv>

Steps:

1. Read the words.
2. Write the correct word in each column where it belongs or cut the words and glue them in the correct column.

Extension: Use the words in your own sentences.

Activity 2: Word Building

(Appropriate for BEFORE/AFTER the Broadcast Lesson)

Activity Goal: Read the passage and identify words that begin with l-blends. Then build those words with letter tiles.

Targeted Literacy Skills: Phonics

Materials: Pencil, passage and letter tiles using this link - <https://tinyurl.com/2qlub2lw>

Steps:

1. Read the passage.
2. Find the words that have the l-blends (bl-, bl-, gl-, pl-).
3. Circle the words you find in the passage.
4. Cut out the letters and build the words.

Extension: Challenge Yourself!

- Can you make your own words with the l-blends?
- Can you write the words in a new sentence?

Lesson Title: Consonant Blends (l-blends) **Designer:** Jill Grifenhagen
Discipline: Math **Grade Level:** 1-2



Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - L-blends Song (Jack Hartmann) - <https://youtu.be/QZ1Uu2MRXTY>
 - Consonant Blends: The Letter L Video (English4abc)
- <https://www.youtube.com/watch?v=tvAHnCI--JU>
- **Teacher-Facing**
 - Tips for teaching consonant blends (The Literacy Nest)
- <https://www.theliteracynest.com/2018/11/teaching-consonant-blends.html>
 - Digital tools for sorting and building words (University of Florida)
- <https://education.ufl.edu/ufli/virtual-teaching/main/instructional-activities/decoding-and-encoding/word-work/>

Lesson Title: A Busy Day at the Park Designer: Stephanie Ninich
Discipline: Math Grade Level: 1-2



Activity 1: Find the Difference!
(Appropriate for *AFTER* the Broadcast Lesson)

Activity Goal: Use a number line to compare and find the difference between 2 numbers.

Targeted Math Skills: Finding the difference.

Materials: Number cards (next page), whiteboard and marker or paper and pencil or crayons.

Steps:

1. Draw an open number line.
2. Cut number cards into single cards to create a deck of playing cards. (Can also make your own with index cards or the like.)
3. Shuffle the cards and put the stack face down.
4. Pick 2 cards from the deck and write them on the open number line.
5. Choose a direction to 'travel' on the number line to find the difference between the two numbers.
6. Repeat with a new set of cards.

Extension: Write the equation to represent the movement on the number line.

Activity 2: Solving Story Problems
(Appropriate for *AFTER* the Broadcast Lesson)

Activity Goal: Solving a Problem Using a Number Line

Targeted Math Skills: Solving story problems.

Materials: Number line (electronic or drawn)

Steps:

1. Solve each problem. Use a number line to help you solve the problem.
 - a) Moesha and her family are driving to the zoo. The zoo is 93 miles away. They have already driven 49 miles. How many more miles do they have to drive?

Lesson Title: A Busy Day at the Park Designer: Stephanie Ninich
 Discipline: Math Grade Level: 1-2



- b) Jacob wants to buy a new basketball hoop that costs 38 dollars. He already has saved 24 dollars. How much more money does he need to save to buy the hoop?
- c) Moesha's sister had 19 painted rocks. She got some more painted rocks from a friend. Now Moesha's sister has 50 painted rocks. How many painted rocks did Moesha's sister get from her friend?

Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Number Line song (Math Songs By NUMBERROCK) - <https://www.youtube.com/watch?v=Pjvd7KziiVo>
 - Number Line Game (Education.com) - https://www.education.com/activity/article/numberlinegame_first/
- **Teacher-Facing**
 - Introducing a number line (Betterlesson.com) - <https://betterlesson.com/lesson/489756/introducing-a-number-line>
 - Number Line (The Math Learning Center) - <https://apps.mathlearningcenter.org/number-line/>

Activity 1 Materials

- Number Cards:

1	2	3	4
5	6	7	8

Lesson Title: A Busy Day at the Park Designer: Stephanie Ninich
 Discipline: Math Grade Level: 1-2

9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40

Lesson Title: A Busy Day at the Park Designer: Stephanie Ninich
 Discipline: Math Grade Level: 1-2

41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72

GRADES 1-2 | EXTENSION ACTIVITIES

Lesson Title: A Busy Day at the Park Designer: Stephanie Ninich
Discipline: Math Grade Level: 1-2



73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

Dear Mr. Rosenwald: Determining and Clarifying the Meaning of Unknown Words Using Context Clues

Lesson Title: Words Using Context Clues **Designer:** Thomas Carrington

Discipline: Literacy **Grade Level:** 3



Activity 1

(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Use context clues to find the meaning of an unknown word.

Targeted Literacy Skills: Vocabulary, Reading Comprehension

Materials: Dictionary, paper, pencil, and *Dear Mr. Rosenwald*.

Steps:

1. Read page titled "Sharecropping" from *Dear Mr. Rosenwald* to find the meaning of "leafed"
2. Reread the sentence containing "leafed"
3. Create a context clues anchor chart with three boxes
4. Write the multiple meaning word at the top of your paper and label the boxes "meaning 1", "meaning 2", and "meaning 3"
5. Write what you think the definition of "leafed" is in the sentence for "meaning 1" box
6. Use the dictionary to find the meaning of "leafed" for "meaning 2" and "meaning 3"

Activity 2

(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Use context clues to find the meaning of an unknown word.

Targeted Literacy Skills: Vocabulary, Reading Comprehension

Materials: Paper, pencil, dictionary, and *Dear Mr. Rosenwald*.

Steps:

1. Read page titled "1921: One-Room School" from *Dear Mr. Rosenwald* to find the meaning of "vessels"
2. Reread the sentence containing "vessels"
3. Create a context clues anchor chart with two boxes
4. Write the multiple meaning word at the top of your paper and label the boxes "meaning 1", "meaning 2"
5. Use the dictionary to find the meaning of "vessels" for "meaning 1" and "meaning 2"
6. In each box, write a sentence that contains the meaning of "vessels" for "meaning 1" and "meaning 2"

GRADE 3 | EXTENSION ACTIVITIES

Dear Mr. Rosenwald: Determining and
Clarifying the Meaning of Unknown

Lesson Title: Words Using Context Clues

Designer: Thomas Carrington

Discipline: Literacy

Grade Level: 3



Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Determine Word Meanings Using Context Clues in Text Messages (Education.com) - <https://www.education.com/game/lostparents/>
 - Play a 3rd Grade Multiple Meaning Words Online Game (Spelling City) - <https://www.spellingcity.com/spelling-games-vocabulary-games.html#>
- **Teacher-Facing**
 - Context Clues (Teaching With a Mountain View) - <https://teachingwithamountainview.com/context-clues/>
 - Interactive Lesson (Upper Elementary Snapshots) - <https://www.upperelementarysnapshots.com/2017/10/context-clues-free-interactive-lesson.html?m=1>
 - Using Context Clues Article (Reading Rockets) - <https://www.readingrockets.org/article/using-context-clues-understand-word-meanings>

Lesson Title: Fractions on a Number Line Designer: Jasmin Nabors

Discipline: Math Grade Level: 3

Activity 1: Fractions on a Number Line

(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Accurately partition a number line, given a fraction

Targeted Math Skills: Interpret fractions with denominators of 2, 3, 4, 6, and 8 using area and length models. Using an area model, explain that the numerator of a fraction represents the number of equal parts of the unit fraction.

Materials: Ruler, paper, pencil

Steps:

1. Using a ruler, draw a line that is 12 inches long and begins at 0 and ends at 1.
2. Partition the number line into 4 equal parts, *Hint, each part can be 3 inches long.
3. Label the fractions at each interval.
4. What fraction would be in the same place as one whole?

Activity 2: Fractions with an Area Model

(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Identify the distance between fractions on a number line

Targeted Math Skills: Interpret fractions with denominators of 2, 3, 4, 6, and 8 using area and length models. • Using an area model, explain that the numerator of a fraction represents the number of equal parts of the unit fraction.

Materials: Ruler, paper, pencil, toy cars (optional)

Steps:

1. Have the number line from Activity 1 or just a number line that begins at 0 and ends at 1 that is 12 inches long.
 - a) The number line should be partitioned into 4 equal parts.
2. Imagine that two cars are in a race.
3. Car A has traveled $\frac{2}{4}$ of the mile they are racing.
4. Car B is $\frac{1}{4}$ of a mile ahead of Car A. Where is Car B on the number line?
5. Has Car B completed the race yet?

Lesson Title: Fractions on a Number Line Designer: Jasmin Nabors

Discipline: Math Grade Level: 3



Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Fraction Bars (Math Playground) - https://www.mathplayground.com/Fraction_bars.html
 - Fraction/Decimal Bars (NCTM) - <https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Fraction-Models/>
 - Match Fractions to Model Game (ABCYA) - https://www.abcya.com/games/fraction_fling
 - Fraction Strips (Toy Theater) – <https://toytheater.com/fraction-strips/>
 - Compare Fractions (Math Playground) - https://www.mathplayground.com/visual_fractions.html
 - Compare Fractions using Scale (Math Playground)- https://www.mathplayground.com/Scale_Fractions.html
 - Fraction Games (SplashLearn) - <https://www.splashlearn.com/fraction-games>
- **Teacher-Facing/Family-Facing**
 - Intro to Fractions (Khan Academy) - <https://www.khanacademy.org/math/cc-third-grade-math/imp-fractions/imp-fractions-intro/v/fraction-basics>

Lesson Title: Sophia Designer: Claudia Munoz
Discipline: Literacy Grade Level: PreK-K



Activity 1: Let's Go on an Adventure!

Appropriate for BEFORE/AFTER the Broadcast Lesson

Activity Goal: Reconocer detalles claves en un texto. (Recognize the key details in a text.)

Targeted Literacy Skills: Interpreting text and reading comprehension.

Materials: Paper and crayons.

Steps:

1. Ask your superlearner if they would like to go on an amazing adventure with you.
2. Spend some time talking about the kinds of places that would be exciting to explore. What would you see? What would you encounter? What would you need to bring with you? Why would you go?
3. Each of you should draw a map of the imaginary place. Encourage the super learner to add key details to the map.
4. Share and talk about the maps. How are they different? What details do you notice?
5. Pretend that you are going on the adventure. Let the super learner's imagination lead the game. Every once in a while, refer back to the drawing they made, "is that the dragon you made?" "¿Ese es el dragón que dibujaste?"
6. After playing, encourage your superlearner to tell someone else about your adventure using the drawings as a reference.

Activity 2: Wordless Picture Book Retell

(Appropriate for BEFORE/AFTER the Broadcast Lesson)

Activity Goal: Reconocer detalles claves en un texto. Recognize the key details in a text.

Targeted Literacy Skills: Retell and comprehension.

Materials: Link to video share of wordless picture book (AmandaPMStorytime) - <https://www.youtube.com/watch?v=LPGw45OC1bQ>, a cardboard roll (from toilet paper or paper towel)

Steps:

1. Invite your super learner to talk through the paper towel roll as if it is a microphone.

Lesson Title: Sophia Designer: Claudia Munoz
Discipline: Literacy Grade Level: PreK-K



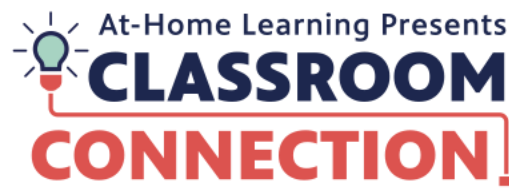
2. Tell them, they will be adding words to a book that only has pictures. Encourage them. There are no wrong or right ideas. They can add any description they like. If they get stuck, you can ask “what do you see?”
3. Show the silent video of the wordless picture book, Red. Pause it as needed to give your superlearner time to describe each picture. Encourage them to name the character, describe setting and plot.
4. Use the “microphone” to retell your super learner's version of the story and ask them to be the teacher and tell you if you forgot any important details.

Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Follow along with this fun comprehension for young learners video, *Comprensión lectora para niños*. (Equipo PIE Mi Mundo Magico) - <https://youtu.be/G1Q7XGA8SWs>
 - Use the pictures in this (wordless) book to tell a story (AmandaPMStorytime) - <https://www.youtube.com/watch?v=LPGw45OC1bQ>
- **Teacher-Facing**
 - Practical activities to help learners with reading comprehension at home, *Actividades para fomentar la comprensión lectora en los niños*. (Portal Educapeques) - <https://youtu.be/fmMWwrtYKao>
 - Open ended questions to ask young readers about any story. (Bilingual Kid Spot) - <https://bilingualkidspot.com/2019/02/02/open-ended-questions-preschoolers-kids-improve-comprehension/>
 - Why wordless picture books are important for reading comprehension (in Spanish and English) (¡Colorín Colorado!) - <https://www.colorincolorado.org/es/articulo/compartir-libros-de-dibujos-sin-palabras>

Drawing and
Lesson Title: Building Shapes
Discipline: Math

Claudia Munoz
Designer: Graciela Munoz
Grade Level: PreK-K



Activity 1: Name the shape and find the hidden treasure!
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Draw flat shapes

Targeted Math Skills: Identify and draw flat shapes

Materials: Paper, writing utensil

Steps:

1. Trusted adults, create/draw a treasure map with a start, pathway including flat shape obstacles (triangle, circle, square, rectangle), and finish.
2. Present the map to the child and invite them to figure out how to follow the path from start to finish. Remind them that when they come to a shape blocking their path, that to continue they will need to trace the shape with their writing utensil and share aloud the name of the shape.
3. Once the child traces the path all the way to the finish (treasure), have them name the shapes they traced in order from first to last to unlock the treasure chest. Consider providing a small reward for the child for completing the challenge (e.g., inspirational message or prize).

Activity 2: Build your own shapes!
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Build shapes with different materials.

Targeted Math Skills: Compare the attributes of shapes

Materials: Cards with flat and solid shapes (circle, triangle, rectangle, square, cone, sphere, cube, cylinder); popsicle sticks, pipe cleaners, or playdough

Steps:

1. Present a shape card and invite the child to build the shape with provided materials (e.g., popsicle sticks, pipe cleaners, or playdough).
2. As the child is building the shape guide discussion with the following questions: A) What shape are you building?, B) Is this shape a flat or solid shape?, C) What attributes of the shape do you have to be able to include in your model?, D) How many sides and/or angles do you have to include in your shape?, E) How many faces, edges, and vertices does your shape have?, F) What shape is the base of your shape?
3. Repeat with other shape cards; compare the attributes across each built shape.

Drawing and
Lesson Title: Building Shapes
Discipline: Math

Claudia Munoz
Designer: Graciela Munoz
Grade Level: PreK-K



Additional Resources for Lesson-Related Extension Activities:

- **Student-Facing**
 - Practice Building with Geometric Shapes in Spanish with this Video (Matemática Divertida) - <https://youtu.be/9v7nFXV5cfo>
 - Geometry Games for Kindergarteners (SplashLearn) - <https://www.splashlearn.com/geometry-games-for-kindergarteners>
- **Teacher-Facing**
 - Shapes and Their Attributes Instructional Materials (PBS Learning Media) - <https://unctv.pbslearningmedia.org/subjects/mathematics/k-8-mathematics/geometry/shapes-and-their-attributes/>
 - Foundational Math Topics: Shape (Erikson Institute Early Math Collaborative) - <https://earlymath.erikson.edu/big-ideas/shapes-can-be-defined-and-classified-according-to-their-attributes-geometric-shapes-for-kids/>

Lesson Title: Stop and Ask Designer: Jill Grifenhagen
Discipline: Literacy Grade Level: 1-2

Activity 1: Stop Sign Bookmark
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Build independence with the Stop and Ask strategy with a bookmark prompt.

Targeted Literacy Skills: Vocabulary & Reading Comprehension

Materials: Grade-level text, bookmark (printed and cut out) using this link - <https://tinyurl.com/5ey54dvj>

Steps:

1. Keep the bookmark handy as you practice reading independently.
2. When you encounter a word where you don't understand its meaning, use the bookmark to remember the Stop & Ask strategy!

Activity 2: Reviewing Challenging Words
(Appropriate for AFTER the Broadcast Lesson)

Activity Goal: Review the meaning of challenging words encountered in the *Lewis and Clark* text.

Targeted Literacy Skills: Vocabulary & Reading Comprehension

Materials: pencil and matching words sheet using this link - <https://tinyurl.com/f0yphggg>

Steps:

1. Read each of the words.
2. Using the information you learned from the text, match the words to their meaning.
3. If you are unsure, you can ask a trusted adult to help or use other outside sources!

Lesson Title: Stop and Ask Designer: Jill Grifenhagen
Discipline: Literacy Grade Level: 1-2



Additional Resources for Lesson-Related Extension Activities:

- Student-Facing
 - Using Context Clues for Unknown Words (BrainPop)
- <https://www.brainpop.com/english/studyandreadingskills/contextclues/>
 - Context Clues Quiz Game (Education.com)
- <https://www.education.com/game/context-clues-quiz/>
- Teacher-Facing
 - Digital Word Detectives (ReadWriteThink)
- <http://www.readwritethink.org/classroom-resources/lesson-plans/digital-word-detectives-building-30838.html>
 - Using Context Clues to Understand Word Meanings (Reading Rockets)
- <https://www.readingrockets.org/article/using-context-clues-understand-word-meanings>

Lesson Title: Too Many Fish in a Pond **Designer:** Stephanie Ninich
Discipline: Math **Grade Level:** 1-2

Activity 1: Computing doubles
(Appropriate for *BEFORE* the Broadcast Lesson)

Activity Goal: Fluency with doubles

Targeted Math Skills: Computation

Materials: Paper and pencil

Steps:

1. Write an addition equation to find the sum of the doubles:
 - a. 45
 - b. 15
 - c. 35
 - d. 50
2. Create a bar model that represents each doubles equation.

Activity 2: Subtraction Story Problems with Start Unknown
(Appropriate for *AFTER* the Broadcast Lesson)

Activity Goal: Reading word problems and representing them with equations

Targeted Math Skills: Solving subtraction problems when the start is unknown

Materials: Paper and pencil

Steps:

1. Read the following word problems. Write an equation that represents it and solve.
 - a. Some rabbits were in the field. Sixteen rabbits hopped away. Then there were 27 rabbits. How many rabbits were in the field before?
 - b. Some carrots were in the garden. My sister pulled up 30 carrots. Then there were 41 carrots. How many carrots were in the garden before?
 - c. Some toads were by the stream. 8 toads jumped in the water and swam away. Then there were 50 toads. How many toads were by the stream before?

Lesson Title: Too Many Fish in a Pond **Designer:** Stephanie Ninich
Discipline: Math **Grade Level:** 1-2



Additional Resources for Lesson-Related Extension Activities:

Student Facing

Subtraction Word Problems for Kids (Kids Academy) -
<https://www.youtube.com/watch?v=Lo6QFAX7akU>

Subtraction Word Problems Game (IKnowIt) -
<https://www.iknowit.com/lessons/c-word-problems-choose-the-operation-add-subtract.html>

Teacher Facing

Money Pieces (The Math Learning Center) -
<https://apps.mathlearningcenter.org/money-pieces/>

Solving Word Problems Lesson Plan (Education.com) -
<https://www.education.com/lesson-plan/solving-word-problems/>