



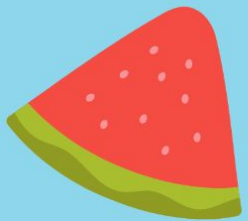
Summer

LEARNING CALENDAR

For Entering 5th Graders



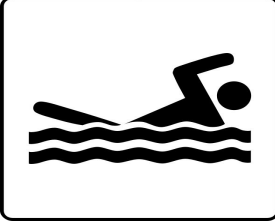


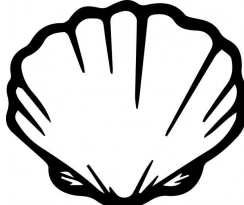

PLYMOUTH-CANTON
COMMUNITY SCHOOLS
GLOBALLY FOCUSED. LOCALLY CONNECTED.









Welcome to Summer!

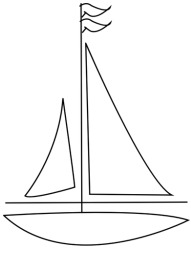
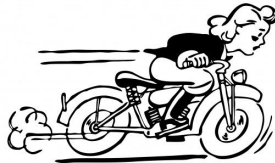










Even though school is out, learning happens each and every day. This resource is full of engaging reading and math ideas that can be done at any time. Nothing needs to be returned in the fall, but we hope you complete many of the activities or use them as inspiration for your own. Please note that any links within the calendar are case sensitive.

In addition to the calendar activities, don't forget to check out IXL, our digital, subscription based learning site that provides practice and instant feedback for reading and math skills. Access IXL through your child's Clever account at <http://clever.com/in/pccs>. Use your child's google credentials (found in MiStar) to log in.

3-ELA	Monday	Tuesday	Wednesday	Thursday	Friday
<p>Week 1</p> <p>Hello Summer!</p> 	<p>Get Ready to Read!</p> <p>Set yourself up for success and create a cozy reading space such as a blanket fort, tent or book nook. Check out: 5 Simple Ways to Promote Reading</p>	<p>LOVE Learning</p> <p>Make a list of all your favorite things and start exploring.</p> <p>Start With a Book</p>	<p>Play Word Games</p> <p>Gather with family or friends and have a blast playing Scrabble Junior, Headbandz, Buzzword, Scattergories, or Apples to Apples Junior. What other games challenge your brain?</p>	<p>Kid Scientist</p> <p>Visit National Geographic Kids for free articles, videos, games and more.</p> 	
<p>Week 2</p>	<p>Public Libraries Rock</p> <p>Have you visited yours lately? Don't miss out on all the free opportunities.</p> <p>Rediscover Your Public Library</p>		<p>ABC, What Do You See?</p> <p>Go on a walk or drive and look outside. Take turns finding things that begin with each letter of the alphabet. Be creative on X, Qu and Z!</p>	<p>Read @ Home Activities</p> <p>Literacy learning should be fun! Try some of these active family literacy activities such as Charades and Scavenger Hunts.</p> <p>Boost Learning - Grade 4</p>	<p>Read, Write, ROAR!</p> <p>In partnership with PBS and the Michigan Learning Channel, there is some cool stuff to read, watch and learn. Read, Write, Roar for upper grades</p>
<p>Week 3</p>	<p>Write a Story Train</p> <p>Watch a story unfold as 2-6 "players" take turns writing one sentence and passing the page. Each person adds on by adding plot twists, humor, etc. Another creative writing option: The Mysterious Train</p>	<p>Big Talker</p> <p>Look for "big" words in your reading. Find an interesting new word to learn. Use that word as often as you can this week when talking to others. Expect a <i>brouhaha</i>!</p>		<p>Secret Code</p> <p>Invent a secret written code (A=1, B=2, for example). Send a message in code to a friend and ask them to figure it out and respond back in code.</p>	<p>Favorites Playlist</p> <p>Read one of your favorite books again. Share it with a friend, grown-up, or pet. Are there other books by the same author or in a series that you'd like to read?</p>
<p>Week 4</p>		<p>Cloud Artist</p> <p>Look up at the clouds. What shapes do you see? Make up a story about the images you see.</p>	<p>Nonfiction: The Real Deal!</p> <p>Read a nonfiction book and learn something new. Tell someone what you learned and what you wonder?</p> <p>Family Support for Reading Nonfiction Books</p>	<p>Summer Poetry</p> <p>Write a Summer Acrostic Poem or other poetry. Here's a few examples to help you get started: Summer Poems for Kids and Poets.org</p>	<p>Setting the Foundation</p> <p>Draw a picture of one of your favorite places. Tell someone a story using that special place as the setting of your story.</p>
<p>Week 5</p>	<p>Run Wild</p> <p>What is Geocaching? Are you into nature and treasure hunting?</p> <p>Beginner's Guide to Geocaching</p>	<p>STEM: Literacy & Science</p> <p>Dig into science with books and activities about Science, Technology, Engineering and Math.</p> <p>STEM Themed Books & More</p>	<p>Follow Your Senses</p> <p>Make the ordinary extraordinary by taking a walk with someone and noticing. Try these: Senses Walk Guide</p>		<p>Summer Bingo Challenge</p> <p>Need more ideas for a busy body and brain?</p> <p>Read @ Home Summer Reading Bingo Challenge</p>

3-ELA	Monday	Tuesday	Wednesday	Thursday	Friday
Week 6 Start a Book Club Book Clubs are a great way to share the enjoyment of reading with others and strengthen reading comprehension. Parent Tips for Starting a Kid's Book Club	Letters of Love  Lift the spirits of people in your community. Write a letter or card to a local nursing home or veterans hospital. Love For Our Elders campaign	 Who and Do One of the best ways to check if you're understanding what you read is to be able to tell someone about a chapter or book you read (summarize the main idea). Tell who is in the story and what did they do.	Alternate Endings Think of a story you know well. Make up another ending for that story. Write down the new ending. Include pictures/drawings.		
Week 7 Plan a Dream Vacation If you could go anywhere in the world, where would you go? Calculate costs for airfare, lodging, food and excursions. Create an itinerary for your family. Find books on your destination at the library.	Build Reading Stamina While reading outside today, challenge yourself to see how long you can read in one sitting. How many minutes or pages did you accomplish?	Three Guesses Find something small enough to fit in your pocket. Write 3-4 clues about it using as much detail as possible without giving it away. Read the clues to someone and ask them to guess what it is.	Summer Mad Libs Want to have a good laugh? Fill in the blanks and create your own story. Summer Mad Libs free printable 		
Week 8 	Movie Critic Write a review about a movie you have seen. Is it a summer blockbuster or just a bust? Convince a friend or family member why they should or should not see it.	Go on a 'Booknic' Plan a family picnic outdoors. Pack lunch and plenty to read. 	Listen to a Great Book Audiobooks are a wonderful way to experience stories. There are many apps available, ask at your local library or click on Favorite audio books for kids .	Puzzling-Problem Solver Find a friend and solve a picture or word puzzle. You can find crossword books at many dollar stores or try this one Summer Crossword for Big Kids	
Week 9 Virtual Field Trips There are endless opportunities to explore, even from your own home. Want to go on a field trip? Free Virtual Field Trip Ideas for Kids		Be a Good Citizen Volunteer, help a neighbor, do some chores. There's all kinds of ways to learn about and practice being part of a global community. Here's a collection of books to inform and inspire. Citizen Kid	Magazine Mania What's more fun than getting your own subscription in the mail? Or try free digital options: Great Magazines for Kids 13 Free Kid's Magazines	Comic Creations Be the author of your own comic or graphic novel. How to Write a Graphic Novel for Kids Episode 1 You can use this framework. Comic Templates	
Week 10 Getting Ready for School! Exercise Your Brain Think about your brain like a muscle. Any time you challenge it to learn something new, you increase its performance. What did you learn today?	Read BIG WORDS Mrs. Mora gives great tips on how to solve longer, more challenging words. There's no word that's too tricky! Decoding Multisyllabic Words	More Writing Prompts Love writing and need more ideas? Writing Prompts	Distracted? That's normal! What's important is recognizing it and having a plan for how to refocus. Talk with someone about what you can do.	 HAPPY 'NEW YEAR'!	

4-Math	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 Fractions	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekOne4	Cut several pieces of masking tape. Spread the tape around all sides of the ball. Write a fraction on each piece of tape. Toss the ball from one player to the next. Say 3 equivalent fractions for the fraction closest to your thumb.	Find 5-10 examples of fractions in the real world. Write down or draw your examples on a piece of paper and order them from least to greatest.	Empty out a small bag of different colored candy. Express the amount of each color of candy as a fraction. (Use Legos or buttons if you don't want to use candy).	
Week 2 Number Sense	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekTwo4	Go for a walk around your neighborhood. Look at the numbers on the houses. Pick three house numbers and write them in expanded form.		<u>Math Fact Hopscotch</u> 1, Draw a Hopscotch board with chalk 2. Toss a rock onto a number square. (Example: 2- You will be multiplying 2 to each number) 3. Hop onto each space and say a math fact out loud. (Jump on a 4, say $4 \times 2 = 8$) 4. When you hit 10, turn around, pick up the rock and pass it to the next player.	
Week 3 Number Sense	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekThree4		List at least 24 different combinations of coins that equal \$1.00.	Find or take a picture and look for all of the math you see in the picture. Write a word problem based on the math you see in the picture.	Use the numbers 4, 5, 3 and 2 and any operations (+, -, x, and ÷) to create at least 10 problems that each has a different answer.
Week 4 Operations	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekFour4	<u>Domino War</u> For each round, the person whose product is larger keeps the dominoes. Play until all dominos have been played. The person with the most dominoes wins. http://bit.ly/PCCSDominoes		Show 4 different ways to make \$10.56 using coins and/or bills.	Roll dice to make 2 two digit numbers. Multiply the two numbers together. Repeat this process 4 more times.
Week 5 Operations	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekFive4	<u>Math Fact Freeze Tag</u> Write math facts on 3x5 cards. Spread the math fact cards around the yard. Elect a player to be "it". It chases other players to tag/freeze them. If the player can solve the math problem it becomes a safe spot for 5 seconds and "it" must chase another player. If a player is tagged before they can solve the problem, he/she is frozen until another player can tag them. If all of the math facts are solved, the players win the game.		Determine your age in months. Then figure out how many days old you are. Don't forget leap years!	

4-Math	Monday	Tuesday	Wednesday	Thursday	Friday
Week 6 Operations	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekSix4	Sally sent a package with one 60-cent stamp, four 32-cent stamps, three 25-cent stamps and four 1-cent stamps. What was the total postage on the package?	Pick 5 numbers greater than 50 but less than 99. Decide if they are prime or composite. Explain how you know to a family member.	Play Factorize at http://bit.ly/FactorizePCCS	
Week 7 Measuring	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekSeven4		Measure the growth of your favorite plants from the garden or yard. Keep a chart of the results. What units are you using to measure? Need a ruler? https://printable-ruler.net/	List your 4 favorite ice cream flavors. Ask 12 people and make a tally chart to show which of the ice cream flavors they like best. Draw a bar graph of your results.	Find the perimeter of the front of a cereal box in inches or centimeters. Can you draw a different shape with the same perimeter? Need a ruler? https://printable-ruler.net/
Week 8 Measuring	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekEight4	Use your estimation skills to predict where you would be if you traveled 20, 50, 100, and 1000 miles from Plymouth-Canton. Then use a map to check and see if you were right.		Measure your height in inches. Measure the height of a family member. Write and solve an equation to determine who is taller. Need a ruler? https://printable-ruler.net/	Find the area of your bedroom. What room in your house could have twice the area of your bedroom? Half the area of your bedroom?
Week 9 Geometry	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekNine4	Go on a 3D scavenger hunt. How many cylinders, pyramids, cubes, rectangular prisms and cones can you find today? Create a table with your data.		Draw a hexagon, a pentagon and an octagon. How many lines of symmetry can you find in each?	
Week 10 Geometry	<u>Khan Academy</u> 20 Minutes 2xs a week http://bit.ly/WeekTen4	Write a "What am I?" riddle with at least 3 attributes for 5 different shapes. Quiz a friend or family member with your riddles.		Make 5 Triangles using 15 toothpicks.	Go for a walk around the block and find examples of right, acute and obtuse angles.