

# What Students Can Do This Summer

This document provides recommended activities for students to participate in throughout the summer. In addition to the summer enrichment packets that are available to students, these activities reinforce the literacy and numeracy/reasoning skills that students experience during the school year.

## Our Students Will

### Elementary Support

Grade	Literacy	Numeracy/Reasoning
Pre-K	<p>Read books and draw a picture about the books in a journal.</p> <p>Talk to someone in the family about the people and/or animals in their books; ask questions about what they noticed in the book.</p> <p>Make a collage using the letters in their names.</p> <p>Practice running, jumping, and/or hopping in games with others.</p> <p>Practice following steps for getting ready to go outside - checking the weather; picking out the right clothes, etc.</p>	<p>Practice counting to 20.</p> <p>Help parents with shopping.</p> <p>Pick out grocery items such as vegetables and fruits, based on amount and size needed.</p>
K-2	<p>Read books and write a sentence or more about each one in a journal.</p> <p>Have students talk to others about what they are reading and writing.</p> <p>Plant a garden and/or go on nature walks. Write in journals about the plants and animals observed.</p> <p>Discover new things about the communities and the people who live and work in them.</p> <ul style="list-style-type: none"> <li>• What do some of the people do in the neighborhood?</li> <li>• How do they help each other?</li> </ul> <p>Find a picture of something interesting and create a story in a journal about what is happening in the picture.</p> <p>Retell a story from a book previously read.</p>	<p>Practice counting up to 120.</p> <p>Practice adding and subtracting up to 20 using household items. Create and solve math stories in a journal.</p> <p>Help out in the kitchen with cooking.</p> <ul style="list-style-type: none"> <li>• How many ingredients does the recipe use?</li> <li>• Add the ingredients.</li> </ul> <p>Explore the world outside the home. Write about and/or draw a picture of student's experiences in their journals.</p> <ul style="list-style-type: none"> <li>• What is on the ground? What is in the trees? What is in the sky? How does the weather affect what is happening outside?</li> </ul> <p>Create a picture or image using laundry and snap a picture of it. Write about the picture.</p> <ul style="list-style-type: none"> <li>• What clothing articles were used? How many of each clothing article did they use? What colors were used?</li> </ul>
3-5	<p>Keep a reading/writing journal.</p> <p>Read books/reading material and write reflections about the big ideas or messages in a journal.</p> <p>Talk to others about what they are reading and writing, then share ideas about it in a journal.</p> <p>Research the city or town in which you live.</p> <ul style="list-style-type: none"> <li>• Where is your city located in comparison to the nation's capital?</li> <li>• What is one interesting historical fact about your city or town?</li> <li>• How long has your family lived in this city or town?</li> <li>• What is your city or town known for?</li> </ul> <p>Discover new words, add them to a journal and make an effort to use them in writing and discussions.</p>	<p>Read a chart or graph and interpret the information.</p> <p>Create and solve math stories in a journal using multiplication and division. Explain why the answers are correct.</p> <p>Investigate the natural world in the neighborhood:</p> <ul style="list-style-type: none"> <li>• Keep a science log of changes in the patterns of the sun and moon;</li> <li>• Grow something anyone could eat and keep a chart of the growth over time.</li> </ul> <p>Help out in the kitchen with cooking.</p> <ul style="list-style-type: none"> <li>• Read the measurements for each ingredient.</li> <li>• Use the measuring tools to measure the ingredients.</li> <li>• Calculate double the amount of each ingredient.</li> </ul> <p>Design a plan to create a community garden.</p> <ul style="list-style-type: none"> <li>• What flowering plants and/or vegetables would you include and how many of each type?</li> <li>• How many rows will be included for each plant?</li> <li>• How much space will you have to plant and how will you divide up the space to include all of the plants and vegetables?</li> <li>• Predict how many families will be able to benefit from the garden? Think about how much could be harvested from each type of plant?</li> </ul>

# What Students Can Do This Summer (cont.)

## Middle School Support

Grade	Literacy	Numeracy/Reasoning
6-8	<p>Keep a reading/writing journal and record the theme or central idea in the selections.</p> <p>Journal Writing Ideas:</p> <ul style="list-style-type: none"> <li>• Write a poem about something experienced or observed.</li> <li>• Write about a favorite topic.</li> <li>• Write an argument about something read or watched on social media or T.V.</li> <li>• Analyze a commercial or social media post. What biases are noticed?</li> </ul> <p>Join/start a book club to share thoughts.</p> <p>Become community activists to support a strong cause of interest. Research the topic; then find or start an organization to support this cause.</p> <p>Investigate climate change issues and use a platform to share ideas.</p> <p>Research a career of choice.</p> <ul style="list-style-type: none"> <li>• Explore the elements of the career.</li> <li>• interview someone currently working in this career.</li> <li>• Investigate multiple sources about what one does in this field.</li> <li>• Write in a journal about how this career contributes to the global economy and our society.</li> </ul>	<p>Support the family with grocery shopping.</p> <ul style="list-style-type: none"> <li>• Which supermarket has the best prices and quality?</li> <li>• Determine the budget, create a list, search for coupons, and calculate savings using coupons and store discounts</li> </ul> <p>Keep a science journal/evidence log for a topic of interest (for example: climate change, global warming, growing plants or vegetables).</p> <p>Read a chart or graph and interpret the information.</p> <ul style="list-style-type: none"> <li>• What is the purpose of the information?</li> <li>• Is there any misleading information included?</li> <li>• Can the chart or graph be represented in a different way?</li> </ul> <p>Plan a day trip or weekend getaway for the family to a destination using a map and/or GPS. Stick to a specific budget.</p> <ul style="list-style-type: none"> <li>• Which routes will be taken (include the mileage)? How long will it take going to and leaving the destination? How many stops will be planned for gas, restrooms, or stretch breaks?</li> <li>• Determine the total cost for gas, two/three meals per day and snacks, hotel/resort, and special activities.</li> </ul> <p>Design a virtual room. Determine the size of the space, the type of the design (contemporary, modern, etc.) and the spending budget. Search for items online; then cut and paste them into your virtual room. Consider the scale of the items vs. the space in the virtual room.</p>

## High School Support

Grade	Literacy	Numeracy/Reasoning
9-12	<p>Keep a journal of reflections about what has been read. Join a book club.</p> <p>Explore/research global issues:</p> <ul style="list-style-type: none"> <li>• What does it mean to be a citizen of the world?</li> <li>• Conduct research on a topic of interest and design a way to help solve a global problem, i.e. food shortages, equity issues, etc.</li> </ul> <p>Write a poem, short story, memoir, blog, play, speech, or other type of creative writing in a journal.</p> <p>Become a critical reader of media:</p> <ul style="list-style-type: none"> <li>• Review a social media outlet, newspaper, or other source designed to appeal to high school students.</li> <li>• Evaluate how the source appeals to young adults, and what a critical reader should be aware of in terms of bias.</li> </ul> <p>Write a resume including work experiences and relevant coursework.</p> <p>Explore a career field:</p> <ul style="list-style-type: none"> <li>• Contact sources in this industry to determine skills and schooling needed, application process and interview requirements.</li> </ul> <p>Explore student learning opportunities in the community. If possible, join a community project and provide support to others as a global citizen.</p>	<p>Keep a journal of investigations and research regarding scientific studies of interests.</p> <ul style="list-style-type: none"> <li>• Read an article about a current scientific issue.(Ex: climate change, artificial intelligence, vaccine development)</li> <li>• Record exploration ideas, flowcharts and diagrams.</li> </ul> <p>Experiment with a recipe by substituting ingredients based on dietary restrictions. Write/share why decisions were made as well as the benefits.</p> <ul style="list-style-type: none"> <li>• Calculate the ingredients for double the recipe and half the recipe.</li> </ul> <p>Research careers in mathematics/science:</p> <ul style="list-style-type: none"> <li>• What mathematics/science courses are needed?</li> <li>• Is a college degree required?</li> <li>• What certifications or additional coursework is needed for promotion?</li> </ul> <p>Analyze marketing strategies used to get high schoolers to buy merchandise:</p> <ul style="list-style-type: none"> <li>• How do companies use peer influence to convince high school students to buy products?</li> <li>• How does social media play a role in marketing products to young adults?</li> <li>• Poll a group of high school students about how companies get them to buy products.</li> </ul>