



Summer Learning Resources

To help students keep their skills sharp while also having some summer fun, the grid below provides a list of resources you might consider for your children. The charts below provide parents with specific skills your child or children can work on this summer.

Skills Targets (by Subject and grade)

MATH

Students Entering	Skills students should work on during the summer
Grade Pre-K	<i>(Students Entering Grade K)</i> <ol style="list-style-type: none"> 1. Counting to 20 (or as far as possible) 2. Compare a set of objects using the words “more” Less” “equal” or “same” 3. Read and Write Numbers from 1-10 (or as far as possible) 4. Understand that numbers are symbols that tell you how many
Grade K	<i>(Students Entering Grade 1)</i> <ol style="list-style-type: none"> 1. Counting to 150 by Ones, Fives and Tens 2. Adding with Three Numbers (ex: $7 + 5 + 9$) 3. Subtraction Problems (Including Word Problems) 4. Understanding 1 More, 1 less, 10 More, 10 Less
Grade 1	<i>(Students Entering Grade 2)</i> <ol style="list-style-type: none"> 1. Adding with Two-Digit Numbers (ex: $65 + 15$) 2. Subtracting with Two-Digit Numbers (ex: $56 - 12$) 3. Understand Hundreds Tens and Ones (Place Value) 4. Read and Write Three-Digit Numbers
Grade 2	<i>(Students Entering Grade 3)</i> <ol style="list-style-type: none"> 1. Adding with Three-Digit Numbers Fluently (ex: $325 + 67$) 2. Adding with Four-Digit Numbers Fluently (ex: $1525 + 267$) 3. Subtracting with Three-Digit Numbers Fluently (ex: $325 - 67$) 4. Subtracting with Four-Digit Numbers Fluently (ex: $1,389 - 67$) 5. Telling Time
Grade 3	<i>(Students Entering Grade 4)</i> <ol style="list-style-type: none"> 1. Multiplication Tables 2. Multiplication and Division Fact Families 3. Fluently Add and Subtract within 1000 (ex: $1,385 + 2,589$) 4. Understand and Compute Equivalent Fractions 5. Area and Perimeter of geometric shapes (Squares, rectangles and irregular shapes)

Grade 4	<i>(Students Entering Grade 5)</i> <ol style="list-style-type: none"> 1. Multiplication Tables 2. Adding and Subtracting Mixed Numbers 3. Long division, 4. Multiplication with 3 digit numbers 5. Equivalent Fractions
Grade 5	<i>(Students Entering Grade 6)</i> <ol style="list-style-type: none"> 1. Adding and Subtracting Mixed Numbers 2. Multiplying and Dividing Mixed Numbers 3. Long division with decimals 4. Multi-digit Multiplication with decimals
Grade 6	<i>(Students Entering Grade 7)</i> <ol style="list-style-type: none"> 1. Adding, Subtracting, Multiplying and Dividing Rational Numbers 2. Solve Multi-step Equations and Inequalities 3. Find the Percent of Numbers 4. Solve Area, Surface Area, and Volume Problems
Students Taking Algebra I	<i>(Students Entering Grades 8-10)</i> <ol style="list-style-type: none"> 1. Adding, Subtracting, Multiplying and Dividing Rational Numbers (including Integers) 2. Solve Multi-Step Equations and Inequalities 3. Solve Systems of Equations 4. Adding, Subtracting, Multiplying and Dividing Powers (Computing Exponents)

ELA

GRADE	Skills students should work on during the summer
Grade K	<ul style="list-style-type: none"> • phonic sounds, decoding skills
Grade 1	<ul style="list-style-type: none"> • reading comprehension • Answering written questions using the question in the master and • writing complete sentences with one complete thought, capital letters and periods
Grade 2	<ul style="list-style-type: none"> • reading comprehension • Answering written questions using the question in the master and • writing complete sentences with one complete thought, capital letters and periods
Grade 3	<ul style="list-style-type: none"> • Read all summer across genres • Respond via journal keeping
Grade 4	<ul style="list-style-type: none"> • Read all summer across genres • Respond via journal keeping

Grade 5	<ul style="list-style-type: none"> • Read all summer across genres • Respond via journal keeping
Grade 7	<p><i>(Students Entering Grades 7-8)</i></p> <ul style="list-style-type: none"> • Reading Comprehension • Author's Purpose • Context Clues
Grade 8	<p><i>(Students Entering Grade 9)</i></p> <ul style="list-style-type: none"> • Determine a central theme or central idea in a text • Reading Comprehension • Story structure • Making Inferences
Grades 9	<p><i>(Students Entering Grade 10)</i></p> <ul style="list-style-type: none"> • Determine central themes or central ideas in a text • Reading comprehension • Grammar skills
Grades 10	<p><i>(Students Entering Grade 11)</i></p> <ul style="list-style-type: none"> • Reading comprehension • Determine two or more themes or central ideas in a text Assess and analyze the reliability and quality of argumentative texts (Regents prep) • Read across genres • Grammar skills
Grades 11	<p><i>(Students Entering Grade 12)</i></p> <ul style="list-style-type: none"> • Reading comprehension • Determine two or more themes or central ideas in a text Assess and analyze the reliability and quality of argumentative texts (Regents prep) • Making inferences • Grammar skills

*** Note to current 7-12th Grade Students**

Dear Students:

As you enjoy your summer break, please take advantage of the opportunity to improve your reading and writing skills by participating in the Quill Summer Academy work.

Here are the directions:

- 1. Check your email for the Google Classroom code and join your assigned classroom.*
- 2. Next, click on the Summer Quill Academy post. You will find the Quill class link there. Click on that link; this will automatically add you to the Quill class.*
- 3. Check as often as you can for new activity packs that will be posted throughout the summer.*
- 4. Contact me with any questions you have.*
- 5. ENJOY your summer!*

Academic Educational Links



Directions: Click on the link that corresponds to your child's grade level.

MATH LINKS	
Number Rock	The videos are free, and they have a lot of great times table songs.
Khan Academy	Student can go to math and practice weaker skills in their grade level. For Grades K -12
Splash Learn Math	Practice for Grades K -5; Skills can be practiced by grades
Zearn	Math Practice for Grades K -5
Math Blaster	Math Practice for Grades Pre-K-8th
ELA LINKS	
Click by grade level	<ul style="list-style-type: none">▪ Grades K-2 ▪ Grades 3-5 ▪ Grades 6-8 ▪ Grades 9-12 ▪ Summer Reading Free Printable Packets 1st-12th Grade
SCIENCE LINKS	
Answers In Genesis	Interesting and exciting games that teach kids about God's great creation
Generation Genius	Limited free reources for students K-8

General Educational Links

Website	Description
GRADES PK-8	
Funbrain	<p>For easy access to fun learning games and activities, click by grade</p> <ul style="list-style-type: none"> • Pre-K • K • 1st grade • 2nd grade • 3rd grade • 4th grade • 5th grade • 6th grade • 7th grade • 8th grade
Children's Library	<p>Free online books are available for all students</p>
Education.com	<p>Free Education-based Games starting with Pre-K; This site has games for all core subjects such as Math, ELA, Science, and Social Studies. Some skills include but are not limited to:</p> <p>Click by Grade</p> <ul style="list-style-type: none"> • Preschool • Kindergarten • 1st grade • 2nd grade • 3rd grade • 4th grade • 5th grade
Arcademics	<p>Academics games of all subjects for grades K-6; games are free to play; registration required for detailed reports.</p>
GRADES 6-12	
Scholastic Learn at Home Activities	<p>Includes both readings and activities for Students.</p> <ul style="list-style-type: none"> • read a variety of articles from across subjects

	<ul style="list-style-type: none"> • complete mini exploratory exercises on a variety of topics • practice writing skills for different disciplines using a variety of prompts
Camp Wonderopolis	<p>This site provides an online odyssey of activities and exploration for students; requires sign-up for parents and children.</p> <p>This site is multifaceted and helps students build</p> <ul style="list-style-type: none"> • Stronger vocabulary • Background knowledge • Reading comprehension • Critical thinking • Other literacy skills” (Site FAQ)
General Library Resources	
Live-brary	<p>This site is free! Sign up for the service using your public library card, access to</p> <ul style="list-style-type: none"> • digital books, • movies, • audiobooks • research databases for middle and high school students <p>Parents should click on the link and follow the page prompts for registration.</p>
Hoopla	<p>Another free site that allows users to log in with their public library cards; offers</p> <ul style="list-style-type: none"> • e-books • audiobooks • music • movies for all ages <p>Parents can click on the link and follow the page prompts for registration.</p>