



KCS | KNOX COUNTY SCHOOLS

2021-2022

SUMMER SCHOLARS GUIDE

FIRST GRADE



Letter: Scholars Guide

Dear KCS Families,

As the school year concludes, it is important to our educators and families that we provide opportunities for children to stay engaged with learning during the summer, especially with the unexpected school closure related to the COVID-19 pandemic.

KCS has created a Summer Scholars Guide for grades K-8 that serves as a resource for families and aims to minimize summer learning loss and promote preparation for the upcoming school year. Suggestions in the Scholars Guide are optional activities to help students maintain and expand their academic growth over the summer.

In the Scholars Guide, you'll find a list of academic standards from the grade level that your child recently completed, with practice tips on subjects that are already familiar. You'll also find a list of academic standards related to your child's next grade level, allowing them to prepare for the upcoming school year. In both cases, you may need to adapt the suggested activities to meet your child's specific needs. Reading is one of the best things your child can do over the summer, and your local branch library has books for students of all ages. The Scholars Guide includes a list of reading topics and suggested educational websites. We wish your family a fun and safe break and look forward to seeing your child back in school next fall!

****Please adhere to CDC recommendations during COVID-19 and consider virtual options where available.***

Glossary

Comprehension – Showing that the reader understands the texts that he or she just read.

Culture – The customs, arts, social institutions, and achievements of a particular nation, people or other social group.

Equation – An equation says that two things are equal and it will have an equal sign.

Fiction – Stories and books that are about imagined events.

Math fluency – Ability to add and subtract within 20 orally or in writing within three to five seconds.

Math operations – A mathematical process that includes addition, subtraction, multiplication or division.

Nonfiction – Books and articles that are about real life events, science, and other subjects that are not imagined.

Plant structures – The basic structures of a living plant, which includes a root system, a stem or trunk, branches, leaves, and reproductive structures (Ex., flowers, cones, spores).

Primary sources – Immediate, first-hand accounts of a topic from people who had a direct connection with an event. Primary sources can include: texts of laws and other original documents; newspaper reports by reporters who witnessed an event or who quote people who did; speeches, diaries, letters and interviews - what the people involved said or wrote; original research; datasets or survey data, such as census or economic statistics; photographs, video, or audio that capture an event.

Secondary sources – One-step removed from primary sources, a secondary source is created by someone who did not directly witness an event, though they often quote or otherwise use primary sources. These sources can cover the same topic as a primary source but add a layer of interpretation and analysis. Secondary sources can include: most books about a topic; analysis or interpretation of data; scholarly or other articles about a topic, especially by people not directly involved; documentaries (though they often include photos or video portions that can be considered primary sources).

Topic sentence – A sentence that expresses or summarizes the main idea of a paragraph.

What you learned **this** year and need to keep practicing

ENGLISH LANGUAGE ARTS

- Read first-grade text accurately and with expression to support comprehension
- Answer 1-2 questions about the text after reading
- Retell a story in your own words
- Discuss with others the ideas in a text
- Write a topic sentence and 1-2 details to support

MATH

- Represent with words, pictures, equations, or objects and solve addition/subtraction problems
- Understand and apply properties of operations and relationship between addition/subtraction. Ex., $3 + 5 = 8$ is same as $5 + 3 = 8$; related to $8 - 5 = 3$, and $8 - 3 = 5$
- Fluently add/subtract within 20 (total is not > 20)
- Understand and use place value to add/subtract. Ex., break apart numbers into tens and ones to add: $26 + 24$ is the same as $20 + 20 + 6 + 4$

SCIENCE

- Record observations, thoughts, and data
- Compare predictions to what actually occurred
- Use counting and numbers to identify and describe patterns in our world
- Compare different types of plant structures

SOCIAL STUDIES

- Gather, examine, organize, and communicate information from primary/secondary sources
- Learn about cultures within the student's community and state
- Learn about goods, services, products, and industries in Tennessee

What is ahead **next** year that you can prepare for

ENGLISH LANGUAGE ARTS

- Read second-grade text accurately and with expression to support comprehension
- Answer 1-2 questions about the text after reading
- Retell a story in your own words
- Engage in conversations with others
- Write a topic sentence and 1-2 details to support and a conclusion

MATH

- Add/subtract within 30 (total is not > 30)
- Understand and use place value to add/subtract. Ex., break apart numbers into tens and ones to add: $26 + 24$ is the same as $20 + 20 + 6 + 4$
- Measure and estimate lengths in standard units (inches, feet, yards, centimeters, mile)
- Solve real-world addition/subtraction problems using length

SCIENCE

- Use evidence from an observation to explain an idea
- Generate multiple solutions to a problem
- Conduct investigations using sound vibration

SOCIAL STUDIES

- Explore why collaboration and respect are necessary
- Learn about the U.S. economy, producers, consumers supply, demand, imports, exports, budgets
- Learn geography/mapping skills: keys, legends, and cardinal directions
- Understand the concept of democracy, rules, authority, national symbols, role of citizens

Things to do and places to go during the summer

*Please adhere to CDC recommendations during COVID-19 and consider virtual options where available.

ENGLISH LANGUAGE ARTS

Fill a small box with sand and use flash cards to draw out the letters of the word • Write letters to family or friends and mail them • Draw pictures and/or write sentences to share an experience like going to the playground, taking a walk

MATH

Use dice or playing cards to make a game out of practicing math facts (within 20) • Starting from any number, count to 120; count backwards from 20 • Play card or board games that involve counting, comparing, or patterns

SCIENCE

Go on a walk in an area with a variety of plants and look for the different parts of the plants • On a sunny day grab some chalk, outline your child's shadow and record the length at different times of day • Visit the MUSE, Oak Ridge Science Museum or Ijams Nature Center

SOCIAL STUDIES

Draw a colorful map to the nearest park • Create a calendar for each month using poster board • Attend various cultural festivals in and around Knoxville

RTI2, ELL, SPED

Students participating in interventions should receive individual reports related to their specific goals from the school throughout the year.

Keep reading all year long!

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Visit these websites for free reading materials and other important information about why literacy matters.

- ReadCityUSA.com
- Knoxschools.org/mackinvia
- Knoxlib.org



Reading List

ENGLISH LANGUAGE ARTS

- *What I Like About Me* by Allia Zobel-Nolan
- *A Bad Case of Stripes* by David Shannon
- *Spoon* by Amy Krouse Rosenthal
- *Stick and Stone* by Beth Ferry
- *Amazing Ants (Ready Readers: Plants, Animals, And People)* by Tammy Brown (recommend whole series)
- *Do You Really Want to Meet a Chimpanzee? (Do You Really Want To Meet...? Animals)* by Cari Meister, illustrated by Daniele Fabbri (recommend whole series)

MATH

- *What's New at the Zoo? An Animal Adding Advent* by Suzanne Slade and Joan C. Waites
- *Quack and Count* by Keith Baker
- *1+1=5 and Other Unlikely Additions* by David LaRochelle
- *If You Were a Minus Sign (Math Fun)* by Trisha Speed Shaskan and Francesca Carabelli
- *How Tall, How Short, How Far Away* by David Adler and Nancy Tobin

SCIENCE

- *The Dandelion Seed* by Joseph Anthony, illustrated by Cris Arbo
- *The Tree* by Dana Lyons, illustrated by David Danioth
- *The Rainforest Grew All Around* by Susan Mitchell
- *Trout are Made of Trees* by April Pulley Sayre and Kate Endle

SOCIAL STUDIES

- *Goods and Services Around Town (Primary Source Readers: Social Studies 1)* by Heather E. Schwartz
- *If You Made a Million* by David Schwartz, illustrated by Steven Kellogg
- *What Are Rules and Laws? (First Step Nonfiction: Exploring Government)* by Jennifer Boothroyd
- *(ABDO Kids Junior: My Government)* by Julie Murray (recommend whole series)
- *I'm Reading About Tennessee: The Volunteer State! (I'm Reading About My State)* by Carole Marsh