

## Scholars Summer Guide - 5th Grade

As our students leave for summer break, we wanted to share some ways that parents can continue to support their child in math and reading (ELA) while they are away from school. In each grade level, students work to master specific academic standards. Below you will find links to the complete ELA standards and math standards for each grade level.

One of the easiest ways to support your child academically over the summer is to have them continue to read for at least 20 minutes a day. In addition to reading their favorite fiction books, encourage your child to read more informational texts (non-fiction books, newspapers, articles, etc). When your child reads each day, you can continue to support them by talking with them about what they are reading. Below you will find a few topics that you may discuss with your child as you read with them or after they read.

- Vocabulary: What does that word mean as it is used in the story/text?
- How does this book compare to the movie? How are they alike? How are they different?
- Describe the characters, plot, and setting of the story.
- Summarize (retell) what has happened in the story/text so far (written or through conversation).

Another easy way to support your child in ELA this summer would be to have them write regularly. You could have your child write about their summer experiences in a journal and share their writing with you.

\*A complete list of the TN Academic ELA Standards can be downloaded at this webpage:

<https://www.tn.gov/education/instruction/academic-standards/english-language-arts-standards.html>

Below, you will find a list of some topics from 5th grade math that you could reinforce with your child by continuing to practice this summer.

- Continue to practice math facts (multiplication)
- Multiply 3 and 4 digit numbers
- Divide whole numbers with a one or two digit divisor
- Add, subtract, multiply, and divide with decimal numbers
- Add and subtract fractions with unlike denominators
- Multiply and Divide fractions by whole numbers
- Solve real world problems with fractions and decimals

Listed below are a few examples of 6th grade math topics you may encounter in your day to day life that you can talk about with your child.

- Develop an understanding of positive and negative numbers, and apply this knowledge to real world examples such as temperature and money.
  - *Write  $-3^{\circ}\text{C} > -7^{\circ}\text{C}$  to express the fact that  $-3^{\circ}\text{C}$  is warmer than  $-7^{\circ}\text{C}$ .*
- Students begin to work with ratios and proportions as well as unit rates.
  - *If a runner ran 10 miles in 90 minutes, running at that speed, how long will it take him to run 6 miles? How fast is he running in miles per hour?*
  - *If a recipe for trail mix calls for 3 cups of pecans for every 2 cups of raisins, how many cups of raisins are necessary if we use 12 cups of pecans?*
  - *We drove 430 miles on 12 gallons of gas. At this rate, how many miles can we drive on a gallon of gas?*
- Students will make customary (ex: feet to inches, quarts to gallons) and metric conversions (ex: meters to centimeters) within systems.

\*A complete list of the TN Academic Math Standards can be downloaded at this webpage:

<https://www.tn.gov/education/instruction/academic-standards/mathematics-standards.html>

Additional links to resources to use with your child this summer can be found at the Milan Middle School website under "parent resources." <https://www.milanmiddle.org/>

**Have a great summer! We look forward to seeing your child in August!**