

Manatee Academy

Family Newsletter – 4th grade

2020-2021 SCHOOL YEAR, 2ND QUARTER

2ND QUARTER SKILLS FOCUS:

Forms of Energy and Energy Transformation is the focus.

Students will read articles and write about energy and the ways it changes, and will incorporate vocabulary words such as light, heat, thermal, sound, electrical, motion, line, pitch, vibration and moving air, to name a few.

The math focus is Division, Fractions and Decimals. Students will be able to solve problems involving multiplication and division. Students will be able to compare and relate fractions and decimals.



What can you do to help your child practice basic skills?

We have found that when students practice skills at home, they understand the concepts better, they are more confident, and they perform academically higher.

Please practice the following at home with your child to help him or her with what is being taught this quarter.

Multiplication - Students need to be able to know times tables so they can calculate, learn, and understand division as well as fractions. Please help your child practice multiplication at home. You can create multiplication flash cards or go to one of the free practice websites listed on page 2 of this newsletter.

Students should also read at home throughout the week. Specific ideas are below.

Fun ways to integrate learning into home life

You can encourage learning English language arts at home in ways that are fun for you and your child.

☞ Check out records for temperature and precipitation in your area. Look at an example together. Investigate what the numbers, symbols or lines represent.

☞ Encourage your child to use book trailers to select a first, second and third choice to read. Ask him/her to tell you why and how each video made a book sound interesting. Go to the library to check out and read those top choices.

☞ Involve your child in cooking. Show him or her the importance of reading product labels and recipes and applying information to choices and food preparation.

ONLINE RESOURCES:

SLPS Parent Resource Page link:

[Parent Resource Page](#)

For help with multiplication, go to either of the two sites below.

[Multiplication.com](#)

Khan Academy is a free website that helps students with all subjects and all grade levels. This link should take you to 3rd grade math practice.

[Khan Academy](#)

Read at home – Free 30 day trial or join for free using your teacher’s code. Online books with Epic (available as an App too). [Epic](#)

We plan on distributing a newsletter each quarter so you can be updated on what your child will learn. If you want more information on any of these topics or have ideas for other topics we can include, please email Mrs. Poole, Assistant Principal, at nikki.poole@stlucieschools.org.



☞ Document a family event by turning it into a news story.

☞ Encourage your child to create his own birthday cards, get-well, holiday and thank you cards, practicing his/her best cursive handwriting skills.

☞ Listen to/watch an in-depth television or internet video report on a topic that concerns your family. Afterwards, have your child review the main points the report covered.

☞ Be frequent visitors to your local public library. Let him/her see you choosing, checking out and enjoying books.

☞ Start a family book club. Read the same book and discuss each person’s thoughts on what happened.

You can encourage learning mathematics at home in ways that are fun for you and your child.

☞ Ask your child to “teach” you what he/she has been learning in math.

☞ Have your child write down the time he/she begins and finishes a chore or an activity. Then ask him/her to calculate how much time it took to complete the chore or activity.

☞ Search newspapers and magazines or the internet for charts, tables, graphs and especially “infographics” that contain numerical information. Discuss specific information with your child. Pose questions that require your child to interpret the information and respond by performing addition, subtraction, multiplication and division calculations.

☞ Add a protractor to your child’s study tools. Spend some time with your child experimenting with drawings and measuring using the protractor.

☞ If you download apps for your child to play, be careful to choose only those with actual educational value, such as Common Sense Media (www.common Sense Media.org).

☞ Add graph paper to your child’s study tools and have your child fill in rectangles with the same area but different perimeters.