

Science Quarterly

AShanbarger@CCBOE.com

Daniel of St. Thomas Jenifer

2017-18, Q1

Big Questions in Science

Your child will discover...

Big Questions

Grade 3

Forces and Interactions – How do objects move when forces act upon them? Can we predict future movements?

Grade 4

Energy – What is Energy? What is Matter? How does energy transfer from one object to another (forms of energy)?

Grade 5

Life Science – How does energy flow through a food chain?



Requested Donations for Quarter 1

Yarn or String	Cotton Balls	Styrofoam cups
Tooth picks	Pipe cleaners	Packing Materials



Meet Mr. Shanbarger

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I'm so glad to be back in my home at Jenifer Elementary this year. This is my 11th year in Charles County and all of them have been as a Patriot!

Many changes have occurred in my life this past year. Professionally, I earned my Masters of Education through UMUC. Personally, My family recently welcomed the birth of our twins. I would like to thank Mrs. Sellow for covering the first two weeks. She did a wonderful job and it means so much to me.

Finally, I'd like to share one of my favorite quotes,

"A child won't care what you know, until they know that you care."

~Adapted from T. Roosevelt

Please feel free to contact me with any concern you have regarding your child.

Science Vocabulary

Grade 3

Distance
Position
Motion
Speed
Acceleration
Newton's First Law of Motion
Inertia
Force
Mass
Gravity
Friction
Balanced Forces
Unbalanced Forces
Momentum

Grade 4

Battery
Chemical Energy
Conservation
Electricity
Energy
Fossil Fuel
Heat
Kinetic Energy
Light
Sound
Tuning Fork
Wavelength
Vibration
Translucent
Transparent
Opaque

Grade 5

Producer
Consumer
Decomposer
Energy
Food chain
Food web
Herbivore
Omnivore
Carnivore
Organism
Photosynthesis
Light
Chlorophyll
Chemical reaction
Chloroplast
Carotenoids
Anthocyanin
Chromatography
Deciduous plants
Nutrient

Helpful Resources

Visit Mr. Shanbarger's online website, <http://djsci.weebly.com>,
in order to find electronic tools we use in class,
reteaching videos, and fun games to expand your learning!

Teacher Contact

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