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Squires STEM Lab

www.squires.fcps.net

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Kindergarten Focus: Our focus this Winter will be on how animals and plants survive. Kindergarteners will also participate in STEM challenges to focus on collaborating with others, perseverance and engineering skills.

First Grade Focus: We are beginning to study the sun, moon and stars. Students will learn that the sun's movement across the sky is a pattern. They will learn how to use the time of day and the sun's position to figure out which way is east and which way is west.

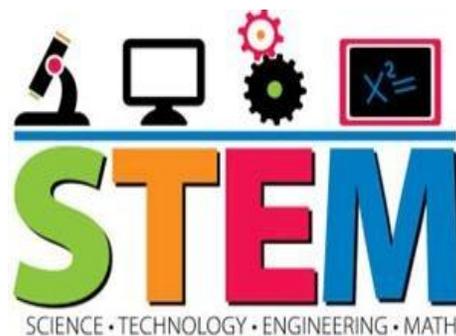
Second Grade Focus: Students are beginning focus on seed dispersal and plant adaptations. They will experiment to determine what a plant needs in order to survive and how the sun affects plants.

Third Grade Focus: Students are finishing a unit on inherited traits and characteristics. They have learned that people can change organisms to have the traits they want (selection). They know selection and nature can change the traits of animals over time. Ultimately, most offspring will be born with the trait that helps them survive well.

Fourth Grade Focus: Your children have been studying senses, the human body and the brain. Students are exploring the brain's role in receiving information from the senses, processing that information, and controlling the muscles to enable movement.

Fifth Grade Focus: Students are currently studying the web of life. They are learning that all animals ultimately depend on plants. They are participating in activities to determine how all organisms in an ecosystem depend on one another.

All students are being taught according to the NGSS (Next Generation Science Standards). These standards are taught through inquiry, rather than memorization of vocabulary. The students are able to explore, and make sense of the world around them.



Please follow our STEM Lab on Instagram

@drabellthescienceteacher

The Instagram page can only be viewed by teachers and students who request to join our page.

Report Cards

If your child is participating in class, collaborating with his/her classmates, and completing his/her work, you will not receive a note from me.

If your child is struggling in any of these areas, see below:

Thank you for sharing your children with me. I thoroughly enjoy exploring with them every single day. If you every have questions or concerns, please e-mail me at Heidi.thompson-abell@fayette.kyschools.us.

