

5TH GRADE SCIENCE



5th Grade Science is an AMAZING year of science. Fifth graders start fifth grade unsure if they love science and leave fifth grade SCIENTISTS in love with SCIENCE!!! Using the Stemscoptes program, a Next Generation Science Standards aligned curriculum, students through hands-on experiments, investigations, simulations, and projects will develop their understanding of life, earth, and physical sciences. **Fifth graders attend science class 5 days a week for 80 minutes a day starting 2nd semester.**

<p>INTERACTIVE STEMSCOPES PACKET</p>	<ul style="list-style-type: none"> ★ The Interactive Science Packet is a tool to help scientists succeed in class. The students will record data, ideas, and information pertinent to the information taught in class. ★ The packet will help review for tests and quizzes, keep track of assignments and class progress on a daily basis, and to personalize the learning experience in science by having a means to reflect thoughtfully, creatively, and individually. ★ The packet will be used almost every day in class and can be updated, improved, or reviewed nightly. Always bring it to class or Zooms. ★ The packet will be turned in for a grade before each test, then stored in a binder in class. ★ The packet is graded for content, organization, effort, thoroughness.
<p>HOMEWORK</p>	<ul style="list-style-type: none"> ★ There is NOT a lot of nightly homework. ★ Potential homework <ul style="list-style-type: none"> ○ Completing study guides to prepare for tests. ○ Practicing different study strategies to study for tests. ○ Giving a family member a Science Packet Tour to review for tests. ○ Getting Science tests signed and making test corrections. ○ Completing some parts of the Science Fair project. ○ Finishing work not completed during class. ○ Completing work if absent from science class. ○ Scientific reading pertaining to the topics taught in class.
<p>PROJECTS</p>	<ul style="list-style-type: none"> ★ Group and individual projects are usually done in class with the exception of parts of the SCIENCE FAIR project.
<p>SCIENCE FAIR *Not sure how it will work this year!</p>	<ul style="list-style-type: none"> ★ All fifth grade students will complete a Science Fair project. ★ The process will be taught in class, but the experiment and some parts may be done at home. ★ During this time, expect a little more homework. ★ Check points and due dates will be given and checked in class along the way. ★ Eight weeks are usually given to complete the whole process & project.
<p>TESTS</p>	<ul style="list-style-type: none"> ★ An assessment will be given at the end of each unit. ★ A study guide and the Interactive Science Packet will help students study. ★ Different study strategies will be introduced throughout the year.

ABSENCES	<ul style="list-style-type: none"> ★ Students should contact me when they return to school to make up missing assignments and content taught in class. Email me for missing assignments. ★ If students are absent, they tend to fall behind. Let me know ASAP.
PARENT COMMUNICATION	<ul style="list-style-type: none"> ★ Review science tests with students and sign science tests. ★ Check the Binder Reminders and daily assignments. ★ Read Fifth Grade newsletters and emails. ★ Listen to Interactive Science Packet Tours before tests. ★ You will receive a Spring Update/progress report with your child's progress around conference time.
PARENT SUPPORT	<ul style="list-style-type: none"> ★ Talk to your child about science and listen to them talk about science. ★ Check the Binder Reminder and Science Tests. ★ Help them with the Science Fair project and experiment. ★ Email me if your child is absent or you if you know in advance. ★ Email me with any questions. I want to help. We are a team.
CONTENT	<ul style="list-style-type: none"> ★ Woodside's adopted Science program is Stemsscopes. It is the same program used by all Upper School. ★ The four segments used throughout the year are "What is Matter Made of?," "From Matter to Organisms," Interacting Earth's Systems," and "Patterns in the Night Sky." ★ Some of the topics covered are mixtures and solutions, developing models, changes in matter, solubility, food webs, ecosystems, body systems, photosynthesis, water cycle, energy transfer, reducing the human footprint, gravity, and the solar system.
ORGANIZATION	<ul style="list-style-type: none"> ★ Students will have to keep their Interactive Science Packets organized and in order. ★ Students will also have to use the binder reminder to record homework and important due dates. ★ Graphic organizers will be given for big projects to help with long term planning. ★ Study guides will be used for most large tests.
SCIENCE SAFETY AND BEHAVIOR	<ul style="list-style-type: none"> ★ Because the science lab (school and home) is a special room where glass and chemicals are used, students are required to pass a safety quiz and abide by specific behavior rules so that students can be safe in the lab.
OFFICE HOURS	<ul style="list-style-type: none"> ★ Fifth Graders can visit me during my office hours on Mondays at lunch or any recess or lunch. (In-Person) ★ I am available through email OR Google Hangouts during Distance Learning. ★ I am also available to use Zoom to meet with you individually.
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