

# 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 FOSS Science Program, a Next Generation Science Standards aligned curriculum, students through hands-on experiments and investigations will develop their understanding in the life, earth, and physical sciences. Fifth graders attend science class 4 days a week with a double block on either Thursday or Friday. Block Days are usually BIG experiment and investigation days.

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| <p><b>INTERACTIVE SCIENCE NOTEBOOK</b></p>                        | <ul style="list-style-type: none"> <li>★ The Interactive Science Notebook (INB) is a tool to help scientists succeed in class.</li> <li>★ The INB 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.</li> <li>★ The notebook should be kept in class, but can be taken home to update or study.</li> <li>★ The INB will be turned in for a grade on the day of each test.</li> <li>★ The INB is graded for content AND organization.</li> </ul> |
| <p><b>HOMEWORK</b></p>  | <ul style="list-style-type: none"> <li>★ There is not a lot of nightly homework.</li> <li>★ Expected homework             <ul style="list-style-type: none"> <li>○ Completing study guides to prepare for tests</li> <li>○ Practicing different study strategies to study for tests</li> <li>○ Giving a family member a Science Notebook Tour</li> <li>○ Getting Science tests signed</li> <li>○ Some parts of the Science Fair project</li> <li>○ Finishing work not completed in class</li> <li>○ Completing work if absent from science class</li> <li>○ Updating Science Notebook (if needed)</li> </ul> </li> </ul>           |
| <p><b>PROJECTS</b></p>  | <ul style="list-style-type: none"> <li>★ Group and individual projects are usually done in class with the exception of parts of the SCIENCE FAIR project.</li> </ul>   |
| <p><b>SCIENCE FAIR</b><br/>*Usually late March or early April</p> | <ul style="list-style-type: none"> <li>★ All fifth grade students will participate in the Science Fair.</li> <li>★ The process will be taught in class, but the experiment and some parts will be done at home.</li> <li>★ During this time, expect more homework.</li> <li>★ Check points and due dates will be given and checked in class along the way.</li> <li>★ 8 weeks is usually given to complete the project.</li> </ul>   |

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| <b>TESTS</b>                       | <ul style="list-style-type: none"> <li>★ Tests are given at the end of each investigation.</li> <li>★ A study guide and the Interactive Notebook will help students study.</li> <li>★ Different study strategies will be introduced throughout the year.</li> </ul>  |
| <b>ABSENCES</b>                    | <ul style="list-style-type: none"> <li>★ Student should see me when they return to school to make sure the Notebook is updated and information is understood. Recess or lunch the first day back to school is suggested.</li> <li>★ If students are absent, they tend to fall behind.</li> </ul>   |
| <b>COMMUNICATION</b>               | <ul style="list-style-type: none"> <li>★ Review and sign science tests.</li> <li>★ Check the Binder Reminder and sign on Thursdays.</li> <li>★ Read Fifth Grade newsletters and emails.</li> <li>★ Interactive Science Notebook Tours before tests</li> <li>★ You will receive a Fall and Spring Update with your child's progress around conference times.</li> </ul>   |
| <b>PARENT SUPPORT</b>              | <ul style="list-style-type: none"> <li>★ Talk to your child about science and listen to them talk about science.</li> <li>★ Sign the Binder Reminder and Science Tests.</li> <li>★ Help with the Science Fair.</li> <li>★ Email me if your child is absent.</li> <li>★ Email me with any questions. I want to help.</li> </ul>   |
| <b>CONTENT</b>                     | <ul style="list-style-type: none"> <li>★ Woodside's adopted Science program is FOSS.</li> <li>★ The three modules used throughout the year are Mixtures and Solutions, Living Systems, and Earth and Sun.</li> <li>★ Some of the topics covered are making and separating mixtures and solutions, developing models, saturations, concentrations, ecosystems, body systems, photosynthesis, respiration, water cycle, air pressure, and the solar system.</li> </ul> |
| <b>ORGANIZATION</b>                | <ul style="list-style-type: none"> <li>★ Students will have to keep their Interactive Science Notebooks organized.</li> <li>★ Students will also have to use the binder reminder to record homework and important due dates.</li> <li>★ Graphic organizers will be given for big projects.</li> <li>★ Study guides will be used for tests.</li> </ul>  |
| <b>SCIENCE SAFETY AND BEHAVIOR</b> | <ul style="list-style-type: none"> <li>★ Because the science lab 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.</li> </ul>  |
| <b>OFFICE HOURS</b>                | <ul style="list-style-type: none"> <li>★ Fifth Graders can visit me during my office hours on Wednesdays at lunch or any recess or lunch. I am usually available.</li> </ul>   |
| <b>CONTACT INFORMATION</b>         | <p><b>JENN PARKER</b><br/> <b>ROOM 24</b><br/> <b>TEACHER PHONE: (650) 851-1571 EXT 1024</b><br/> <b>TEACHER MAIL: <a href="mailto:jparker@woodsideschool.us">jparker@woodsideschool.us</a></b></p>  |

