# SCIENCE/RESEARCH

## Demonstrates knowledge of facts and understanding of concepts; applies vocabulary; applies scientific process skills (observing, recording data, experimenting, interpreting results, communicating); applies knowledge to classroom discussions and activities.

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| Trimester 1 - EARTH SCIENCE: Rocks and Their Properties; Soil; Earth’s History | | | | |
| Grading | **1** | **2** | **3** | **4** |
| **All** | * Student is unable or rarely able to demonstrate understanding of key concepts through class participation, and project based assessments. * Student is unable or rarely able to communicate using acquired vocabulary associated with the science topics. * Student is unable or rarely able to use scientific process to conduct investigations and communicate observations (e.g., observation checklists/lab sheets). * Student rarely adds meaningful contributions to classroom discussions and activities. | * Student is beginning to demonstrate or sometimes demonstrates understanding of key concepts through class participation and project based assessments. * Student is beginning to communicate or sometimes communicates using acquired vocabulary associated with the science topics. * Student is beginning to learn through discovery. * Student sometimes uses scientific process to conduct investigations and communicate observations (e.g., observation checklists/lab sheets). * Student sometimes adds meaningful contributions to classroom discussions and activities. | * Student consistently and independently demonstrates understanding of key concepts through class participation, and project based assessments. * Student consistently and independently communicates both verbally and in written language using acquired vocabulary associated with the science topics. * Student learns through discovery. * Student consistently and independently uses scientific process to conduct investigations and communicate observations (e.g., observation checklists/lab sheets). * Student consistently and independently adds meaningful contributions to classroom discussions and activities. | * Student consistently and independently meets standards and extends understanding demonstrated through application to real-life situations, class participation, and project based assessments. * Student extends scientific understanding to problem-solving situations. * Student consistently and independently adds meaningful contributions to classroom discussions and activities; demonstrates higher level thinking and/or application to other situations. |

# SOCIAL STUDIES/RESEARCH

## Demonstrates knowledge of facts and understanding of concepts; applies vocabulary; applies skills to locate and use appropriate resources for the task; and applies knowledge to classroom discussions and activities.

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| Trimester 1: Maps; Ancient Civilization; Founding of America | | | | |
| **Grading** | **1** | **2** | **3** | **4** |
| **All** | * Student rarely demonstrates knowledge of facts and understanding of key concepts of social studies topics. * Student is unable or rarely able to communicate using acquired vocabulary associated with the science topics. * Student rarely adds meaningful contributions to classroom discussions and activities. | * Student is beginning to demonstrate knowledge of some facts and understanding of some key social studies topics. * Student is beginning to communicate or sometimes communicates using acquired vocabulary associated with the science topics. * Student sometimes adds meaningful contributions to classroom discussions and activities. | * Student consistently and independently demonstrates knowledge of facts and understanding of key social studies topics. * Student consistently and independently communicates both verbally and in written language using acquired vocabulary associated with the science topics. * Student consistently and independently adds meaningful contributions to classroom discussions and activities. | * Student meets standards and is able to extend key concepts to real-life experiences and project based learning. * Student consistently and independently adds meaningful contributions to classroom discussions and activities; demonstrates higher level thinking and/or application to other situations. |