PROJECT-BASED EXPLORATION – With approval from the teacher, create a project of inquiry that is hands-on research. Actively explore a special interest and assemble the parts your experiment into a presentation. Informational presentations may take the form of a model, a scientific method poster display, a PowerPoint slide show, a video, or a different form that suits the topic.

- Consult with the teacher to develop the expectations and requirements that go along with project-based exploration.
- Arrange a meeting time to generate ideas with the teacher to develop a merit-worthy research project plan.
- Make a well-organized record of your tasks and progress along the way.
- A science benchmark* will be selected that applies to your specific learning project.

If you are naturally curious, this project provides a chance for you to experiment in an area of interest. Be sure you have skills in the method in which you choose to share your learning.

INFORMATIONAL DOCUMENTS – Construct a computer-generated poster, graphic diagram, or brochure that presents important ideas to others. Your production should communicate merit-worthy ideas related to an in-depth topic of study in Earth Science. Other methods of presenting the information may be considered for approval.

- Purposeful, science benchmark-based exploration* based around an approved Earth Science theme or topic
- Record of research and sources is to be kept and submitted
- Produced digitally on the computer so multiple copies can be made and so updating can occur
- Highly visual and organized so that it can be used as a study tool for classmates
- Proofed and edited; checked for spelling, punctuation and grammar verified with signatures
- Include the science benchmark as a piece on your poster.

If you have a topic you want to know more about and you enjoy deeper research, this project might be a good fit.