**Gerry Richard**

**Grade 7 Science**

**Topics:**

**Rocks and Minerals:**

What is the difference between a rock and a mineral

Characteristics of Mineral Identification

3 Families of rocks-characteristics

The rock cycle

Types of weathering

Earthquakes-kinds of wave movement, measuring, how the earth moves (tectonic plates)

Volcanoes-different types, location

Mountains- how they are formed

Layers of the earth

**Science Fair Project:**

Each student or pair of students shall do a science fair project. The students will choose their own project based on their interest and perform an experiment. In this experiment they must measure something while controlling all other variables.

The completion of this experiment will take all term, combined with their other science work.

**Activities:**

Lab activity on Rock identification using sample of rocks from New Brunswick

Lab activity on the movement of tectonic plates

Project on their birthstone

**Marking Scheme:**

Test and quizzes 30% lab activites 20%

Science Fair project 30% Outcomes completed 10%

Project 10%

 A variety of activities are included this term to appeal to all multiple intelligences, especially the science fair project. Daily lessons always include as much variety of presentation forms as is possible. Tests are accommodated when necessary for students of all ability levels, whether it is shorten versions, oral testing or more in depth questions.