

8th Grade Science Syllabus

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Course Outline

UNIT ONE

1. *Lab Safety*
2. *Scientific Method*
3. *Measurement*

UNIT TWO

1. *Properties of Minerals*
2. *Properties of Rocks*
3. *Plate Tectonics*
4. *Earthquakes and Volcanoes*

UNIT THREE

1. *Atmosphere*
2. *Weather*
3. *Climate*
4. *Oceans*

UNIT FOUR

1. *Sun-Earth-Moon Systems*
2. *Stars and Galaxies*

UNIT FIVE

1. *Atomic Structure*
2. *Periodic Table*
3. *Chemical and Physical Properties*

UNIT SIX

1. *Behavior of Fluids*
2. *Newton's Laws of Motion*
3. *Wave Structure*
4. *Human Environmental Interactions*

UNIT SEVEN

1. *Traits and Environment*
2. *Genetics and Heredity*
3. *Evolution*

Computation of Grades

50% - Tests, Projects, Presentations

40% - Daily work, Quizzes, Labs

10% - Homework (There will be one homework assignment per week)