Integrated Science Syllabus Mr. Murphy [benjamin.murphy@smusd90.org](mailto:benjamin.murphy@smusd90.org) Tonopah Valley High School

**Objectives**

\* Master the Integrated Science curriculum for Arizona. \* Students will provide a basic understanding of scientific principles. \*Students will master the ability to problem solve and complete lab activities. \* Students will master the scientific method.

**Curriculum**

\* Interactions between the Earth’s structures, atmosphere, and geochemical cycles. \* Weather and Climate \* Earthquakes, Plate Tectonics \* Earth history/Evolution \* Astronomy \* Introductory Physics \* Introductory Chemistry \* Renewable and nonrenewable resources \* Solutions to environmental problems \* Environmental effects of disasters

**Supplies**

\* 2 Spiral Notebooks \* Pencils or Pens (Blue or Black) \* Calculator (TI-30) \* Colored Pencils \* Index Cards

**Grading** \* Homework/Classwork- 20% \* Quizzes, Tests, Labs- 40% \* Exams (2 Midterms and Final)- 40%

**Absent Work**

**\*** It is **your** responsibility to acquire work that you missed. \* Any work that is not acquired and finished will result in a zero.

**Labs** **\*** If you miss a lab it is your responsibility to schedule a time to make up the lab. \* Any labs that are not scheduled and made up will result in a zero \* All students must read and sign their Lab Safety Contract before participating in any lab.

**Retest \***One retake will be allowed for any quiz or test. (Excluding the final) \* You must schedule a time with me within one week of the original test.

**Classroom Rules (**In addition to school handbook rules)\* Be Respectful \* No food or drink unless it is water

\*\*\*How to contact me.

Email: [Benjamin.murphy@smusd90.org](mailto:Benjamin.murphy@smusd90.org)

Phone: 623-474-5224

Hand: Raising your hand (Normally only works when I am in class……..and you are too)