Physical Science Course Syllabus

Course information

Physical Science

Course pre-requisites and/or grade level or other restrictions

7th Grade requirment

Teacher contact information

Ken Hill	School #	726-3216 x2406
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Course description/student learning objectives

This course is designed to give the student an awareness of the physical world we live in. Students will study the physical and chemistry of inanimate objects and how the relate to the living world. It will start with a study of matter and how atoms and molecules have physical and chemical properties, then progress into state of matter, elements and compounds. Next we will study motion using Newton's three laws of motion and how forces affect motion in solids, liquids and gases. Lastly we will study machines and how human use machines to make work easier, energy and energy resources, heat and heat technology.

Course content (assignments and so on)

Text – Holt Science and Technology Physical Science

- Chapter 1 – The World of Physical Science
- Chapter 2 – The Properties of Matter
- Chapter 3 – States of Matter
- Chapter 4 – Elements, Compounds, and Mixtures
- Chapter 5 – Matter in Motion
- Chapter 6 – Forces and Motion
- Chapter 7 – Forces in Fluids
- Chapter 8 – Work and Machines
- Chapter 9 – Energy and Energy Resources
- Chapter 10 – Heat and Heat Technology

Assignments – a typical chapter will include Section Reviews at the end of each section, Directed Reading worksheets, a project or lab of some kind and a practice test and a test. The homework and assignments will be 50% of the grade and the final test will be 50%.

Required textbooks and materials; suggested course materials

When we begin each chapter the student is required to read the chapter, be attentive in the class and take the required notes on the subject. Assignments are to be completed on time, late assignments will be reduced 50%. All Junior High students should have a pencil or pen, paper, text book or required reading material and a calculator. Make sure your name is on everything, keep it in your locker until needed and keep your locker locked at all times.

Grading policy/assignment policies

A+	97%	A	94%	A-	90%
B+	87%	B	84%	B-	80%
C+	77%	C	74%	C-	70%
D	64%	F	<64%		