**9th Grade Science Course Syllabus**

**Cedar International School**

**2010-2011**

Unit 1: Physics

We will being the year with an in-depth look at Newton’s Laws, motion, energy, thermal energy, work and simple machines.

Unit 2: Chemistry I

We will explore the nature of matter in detail. Kinetic Theory, properties, the Periodic Table, states of matter, nuclear reactions and the diversity of matter will be thoroughly examined.

Unit 3: Chemistry II

Interactions between matter will make up most of our third unit. Bonds, reactions, solutions, organic compounds and acids\bases will comprise the topics of study.