UNIT/Weeks	Science: Grac	Essential Questions
6	 Astronomy The Universe and its Stars Earth and the Solar System Earth's History 	 What is the role of gravity in the motions within galaxies and the solar system? What are the scale properties o objects in the solar system?
6	Earth Systems • Geologic Time Scale • Geoscience Processes • Tectonic Processes	 If no one was there, how do we know the Earth's history? What provides the forces that drive Earth's systems?
6	 Stability and Change On Earth Natural Resources Natural Hazards Human Impact 	 How do we monitor the health of the environment (our life support system)? Is it possible to predict and protect ourselves from natural hazards?
6	 Relationships Among Forms of Energy Kinetic Energy Potential Energy Energy Transfer 	How can physics explain sports?
6	 Thermal Energy Temperature Total Energy of a System 	How can a standard thermometer be used to tell you how particles are behaving?
6	 Electromagnetic Spectrum Simple Waves Light and Sound Waves Wave-Related Technologies 	How do cell phones work?