

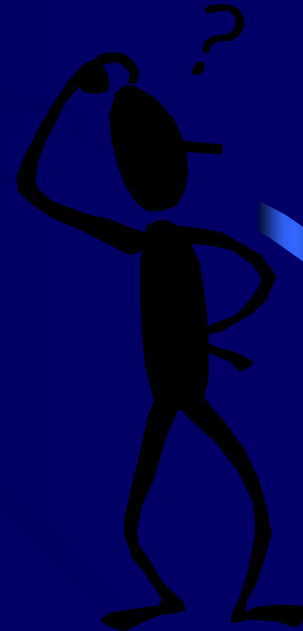
Welcome to 7 Red Science!!

with Miss Goulet



What to Expect

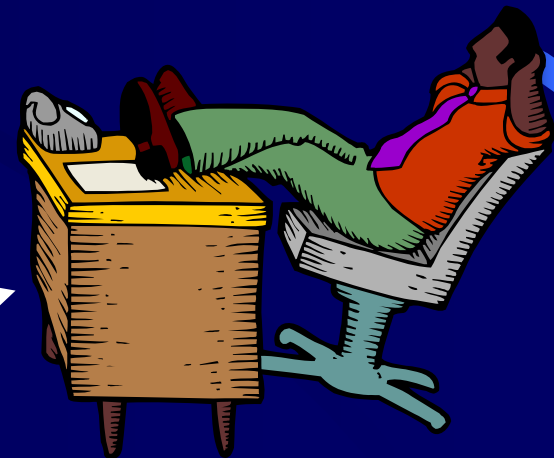
- Homework every other class, on average
- 20 to 30 minutes of homework a night, with the exception of larger projects
- A quiz ~ every other week
- A text book to use at home



Classroom Expectations

- Be seated and ready to begin class on time
- Come to class prepared
- Show respect to others
- Work as a team, sharing materials and ideas
- Keep materials organized, and
- Act in a “safe” manner

Not a model student



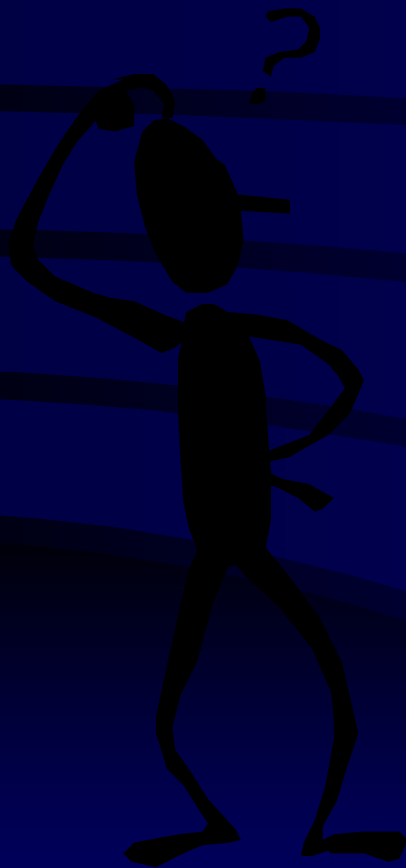
Units to be Covered



- The Scientific Method
- Interactions and the Diversity of Living Things
- Geology
- Astronomy



Inquiry Process/ Scientific Method



- Observation vs. inference
- Forming hypotheses & Investigative questions
- Steps of the scientific method
- Designing controlled experiments
- Drawing Conclusions
- Mass, weight, volume and density

Energy, Weather and Climate Change



Weather Station



Solar panel



Wind Turbine in CA

Astronomy

What is a planet anyway?

- Our solar system and characteristics of the planets
- Rotation & Revolution of objects
- Phases of the moon
- Reason for the seasons
- Eclipses and tides and
- Life cycle of a star

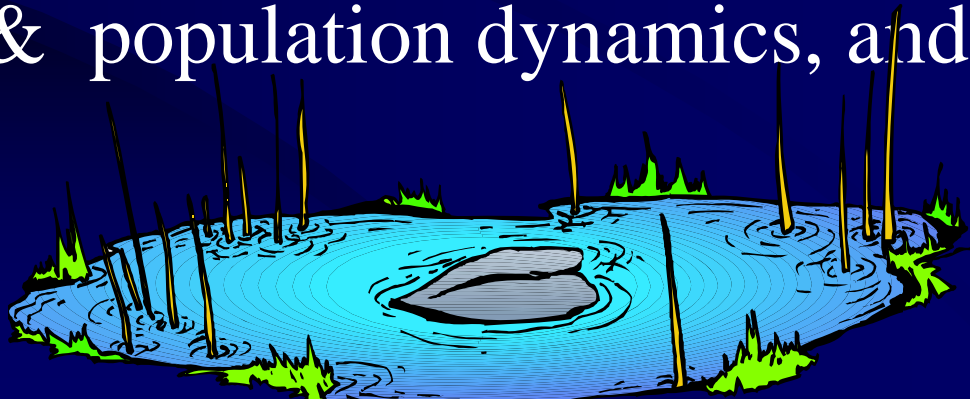
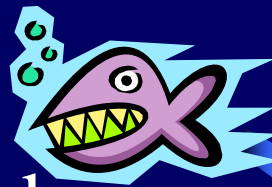
Unit 6 - Geology

- Topographic Maps and Topography
- Theory of Plate tectonics
- Earthquakes
- Landforms: folds, faults, volcanoes and others
- Fossils and the geologic time scale
- The rock cycle - How metamorphic, igneous and sedimentary rocks form and change



Interactions

- Food relationships (food chains and food webs)
- Interactions of living and non-living things (biotic and abiotic)
- Niches, habitats, ecosystems, and biomes
- Tolerance ranges
- Populations & population dynamics, and
- Succession



Diversity of Living Things

- Reasons for diversity
- Adaptations of organisms
- Natural selection, and
- Classification - Six Kingdoms



Photos – Bandlands National Park,
summer 2002

Web Site Updated Soon (I hope)

In the meantime...

My picks for websites related to
our projects/topics can be found at
<http://guest.portaportal.com/goulet>

