Weeks 32&34 – Physical Science 26Mar-12Apr13

Pasta Structure – 50 classroom points Mr. Stewart

HS-ESS3-b – Analyze and revise solutions for developing, managing, and utilizing resources that would increase economic, social, environmental, and/or cost versus benefit ratios.

Examples include best practices for agricultural soil use, retrieving water from aquifers or desalination, mining for coal and minerals, pumping for oil, hydro-fracturing to retrieve natural gas, recovering off-shore methane gas hydrates, extracting petroleum from tar sands and oil shale, and the conservation, recycling, and reuse of resources. Science knowledge indicates what can happen in natural systems – not what should happen. The latter involves ethics, values, and human decisions about the use of knowledge.