REVIEW

Unit 5 – Planet Earth

1.0 Changes on the Earth’s Surface

- Layers: Crust, Mantle, Core (Inner and Outer)
- Earthquakes and Volcanoes can suddenly change the Earth’s surface
- Scientist’s use a variety of tools and technologies to investigate the Earth’s forces
- Wind, water and ice change the Earth’s surface slowly

2.0 Rock Cycle

- Rocks are composed of minerals and have distinctive characteristics
- Three classes include: igneous, metamorphic and sedimentary
- Breaking down and transforming rock is explained in the rock cycle
- Sedimentary rocks are the most common found in Alberta

3.0 Landforms change

- The Theory of Plate Tectonics describes the huge chunks of rock called plates that move on the Earth’s surface
- Continents and Ocean floors are carried on the plates which are moving on the partly melted mantle
- The collisions and rubbing together of these plates forms the mountains

4.0 Fossils – Evidence of Earth’s Changes over Time

- Fossils are living or non-living things preserved in stone
- Fossil evidence is interpreted and conclusions are based mostly on inferences because the fossil remains are incomplete
- Geological Time divides the history of the Earth into four periods, called Eras.
- Determining what animals and plants looked like from fossil records is often based on inferences