

Sec 2 Science – Ch. 5 Key Concepts

5.1 – Types of Rocks (p127)

Igneous (p128)

Extrusive (p129)

Intrusive (p129)

Porphyritic (Look up, listen in class)

Sedimentary (p130)

Fossils (132) – Form in sedimentary rock

Metamorphic (p132)

Rock Cycle - <https://www.youtube.com/watch?v=G7xFfezsJ1s>

<https://www.youtube.com/watch?v=jP1qbwSGmNs>

5.2 – What are minerals (p137)

Tests used to identify minerals (p138)

Mohs Hardness scale (p139)

Difference between rocks and minerals (p137 last sentence) – Rocks are made up of many minerals. Minerals are composed of one type of chemical substance.

5.3 – Types of Soil (p143): Clay, Loam, Sand, Gravel

5.4 – What is energy (147)

Solar Energy – Meteorological events: storms, hurricanes, tornadoes; types of clouds Cirrus, Stratus, Cumulus

Wind – What causes it: unequal heating of surface of the Earth. Cold air is denser and sinks; hot air is less dense and is pushed up by denser air.

5.5 – Renewable vs Non-Renewable Energy (p152)

Forms of energy:

Renewable: Solar, Wind, Hydraulic, Geothermal

Non-renewable: Nuclear, Fossil