

7/8 McGavin Science Review

Pages 2-22

Pg. 2 – Main Terms

- Review the main terms and definitions. (11 total)

Pg. 3 – Earth's Structure

- Know the 4 layers, state of matter, temperature, and what it is composed of.

Pg. 4 – Earth's Structure – not important

Pg. 5 – Earth's Structure

- How plate tectonics work

Pg. 6 – The Crust

- Comparing a hard-boiled egg to the earth
- You do NOT need to know the different plate names.

Pg. 7 – Minerals

- What is the hardest/softest mineral?
- How can you identify minerals? Tests that you use, and how they work.
- Definition of a mineral – compare a mineral – pure substance and how rocks are a mixture of minerals.

Pg. 8, 9 and 10 – The Rock Cycle

- Each type of rock: how it is formed, an example and characteristics.
- Know the steps to go between types of rocks (page 9)

Pg. 11 and 12 – Textbook Response

- Review this information on the different types of rock

Pg. 13 – Weathering

- The three different types of weathering:
 - Example
 - How does it occur?
 - Where does it occur?
- Know the difference between weathering and erosion.

Pg. 14 and 15 – Types of Soils

- Definition of what soil is and what is composed of.
- What is the best soil?
- Know the different types of soils, and their characteristics. (not going to ask what it feels like when dry/wet)

Pg. 16, 17, 18, 19 – Soils in Manitoba

- Do not need to know this

Pg. 20 – Function of Soils

- Know the importance/function of soils.

Pg. 20, 21, 22 – Erosion

- Knowing the impact of soil erosion.
- How to prevent soil erosion.

Format of Quiz:

- Labelling
- True / False
- Matching
- Short Answers / Medium Answers
- Prove Yourself – up to 3 extra marks – up to an extra 5%