

Important Concepts . . .

Preview Review



Science

Grade 7

W3 - Quiz

Important Concepts of Grade 7 Science

W1 - Lesson 1	Interactions and Interdependencies
W1 - Lesson 2	Nutrient Cycles, Energy Flows, and Changes in Ecosystems
W1 - Lesson 3A	Environmental Impacts of Human Activities
W1 - Lesson 3B ..	The Particle Model of Matter, Temperature, Heat, and Change of State
W1 - Lesson 4	Heat Transfer
W1 - Lesson 5	Understanding Heat and Temperature in Nature and Technology
W1- Quiz	
W2 - Lesson 1	Life Processes and Structure of Plants
W2 - Lesson 2	Plant Propagation and Reproduction
W2 - Lesson 3	Plant Needs and Growing Conditions
W2 - Lesson 4	Role of Plants and Controlling Plant Growth
W2 - Lesson 5	Review of Plant Management
W2 - Quiz	
W3 - Lesson 1	Forces on and within Structures
W3 - Lesson 2	Structural Forms
W3 - Lesson 3A	Materials Used in Structures
W3 - Lesson 3B	Rocks, Weathering, and Erosion - The Rock Cycle
W3 - Lesson 4	Plate Tectonics and Related Events
W3 - Lesson 5	Fossils
W3 - Quiz	

Materials Required

Textbook:
*Science in
Action 7*

Science Grade 7
Version 5
Preview/Review W3 - Quiz

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Preview/Review Concepts for Grade Seven Science



W3 - Quiz

W3 - Quiz

Total __ / 28

1. If you were making a container to hold heating oil, what properties would you want in the container's material(s) to have? (2 marks)

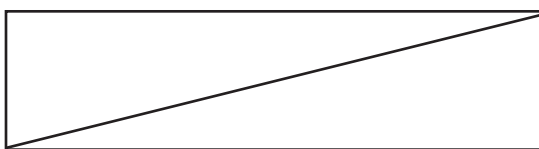
2. Use words from the following list to complete the sentences. Not all words will be used. (8 marks)

sedimentary
static
metamorphic
glue
mantle

intrusive
tension
igneous
dynamic
cast

index fossil
compression
nail
outer core
extrusive

- a. A / an _____ comes from an organism that was plentiful and lived in a _____ specific known time.
- b. _____ rocks are laid down in layers.
- c. The roof of a house is a _____ load on the house.
- d. Very small crystals are found in _____ rocks; larger crystals are found in _____ rocks.
- e. A pulling force is called _____ .
- f. Something used to join materials that makes use of friction is a _____ .
3. a. Draw the best way of strengthening the structure in the diagram. (1 mark)

*or*

- b. Explain why this makes the structure stronger than it was before the addition.
(1 mark)

4. If you say a material was sheared, what does that mean? (2 marks)

5. Define the term “force”. (1 mark)

6. Describe a corrugated material and explain why it is made in that manner. (2 marks)

7. What are two ways that mountains can be made? (2 marks)

8. Fluorite has a hardness of 4. Topaz has a hardness of 8. An unknown mineral (X), was found and its hardness tested. Topaz scratched it but fluorite did not. Order the 3 minerals from least to most hard. (3 marks)

9. Explain the Theory of Plate Tectonics. (2 marks)

10. How can a sedimentary or igneous rock be changed to a metamorphic one? (2 marks)

11. What does the Principle of Superposition tell about the age of fossils found in different layers of an undisturbed bed of sedimentary rock? (2 marks)
