

Important Concepts . . .

Preview Review



Science

Grade 7

W2 - 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	

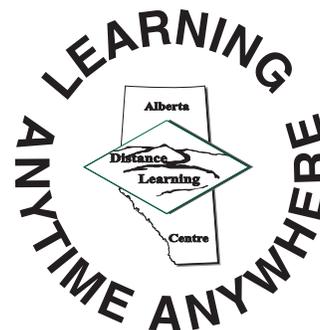
Materials Required

Textbook:
*Science in
Action 7*

Science Grade 7
Version 5
Preview/Review W2 - Quiz

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Preview/Review Concepts for Grade Seven Science



W2 - Quiz

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Total ___/25

1. Label the diagram with the appropriate terms from the following list. (4 marks)

petal

anther

stigma

stamen



2. Choose from the terms provided to complete each sentence. Not every term will be used. (4 marks)

irrigation

transpiration

phosphorus

nitrogen

photosynthesis

diffusion

biological control

potassium

artificial selection

osmosis

a. The nutrient that is necessary for plant flowering and seed production is

_____.

b. Water moves into the roots of plants by _____.

c. _____ is used to produce new varieties of plant.

d. _____ is the loss of water from plant pores.

3. a. When a flowering plant produces seeds, is it reproducing sexually or asexually? (1 mark)

b. If you wanted to grow a plant using an asexual method, how could you do it? Name the plant and the method. (2 marks)

c. Describe an adaptation you might expect in a plant living in a warm desert. What is the purpose of the adaptation? (2 marks)

d. What is the function of leaves on a plant? (1 mark)

e. What sorts of things can someone do to improve the health of soil? (2 marks)

f. Name some problems that can be caused by irrigation. (2 marks)

g. Give an example of biological control of a pest. Name both the insect controlled and the insect used to control. (2 marks)

h. Name 2 roles of plants. (2 marks)

i. What do plants need to capture and/or take in to perform photosynthesis? (3 marks)
