

Name \_\_\_\_\_ Date \_\_\_\_\_ Section \_\_\_\_\_

Life Science 7

Soil Unit Directed Reading

**Title:** Soil Formation

**Challenge Question:** How does soil form?

**Vocabulary:**

Term	Definition	Picture/Example
soil		
humus		
soil profile		
soil horizon		

**Materials:**

Soil Formation packet or

*The Dynamic Earth* online book (Module E, Unit 1, Lesson 5)

**Procedure:**

1. Read pages 56 - 65 in packet or *The Dynamic Earth* online book.
2. Answer questions 1, 2, 5 - 12, and 14 - 16 from the reading.
3. Do Lesson Review on page 67, questions 1 - 11.
4. Create definitions for the Vocabulary. Answer Analysis Questions.
5. Write Conclusion.

**Data:**

(Write your responses to the reading questions in this section in your science notebook.)

**Analysis Questions:**

1. Which soil is better for crops, soil with or without a lot of worms?

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2. Which would you expect to be more fertile, the soil on a steep slope or the soil on a plain? Why?

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3. What are the main ingredients of soil? How do activities of organisms affect soil?

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4. Describe the five properties of soil.

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**Conclusion:** How does soil form? Use data, evidence and examples from the lab activity to support your answer.

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