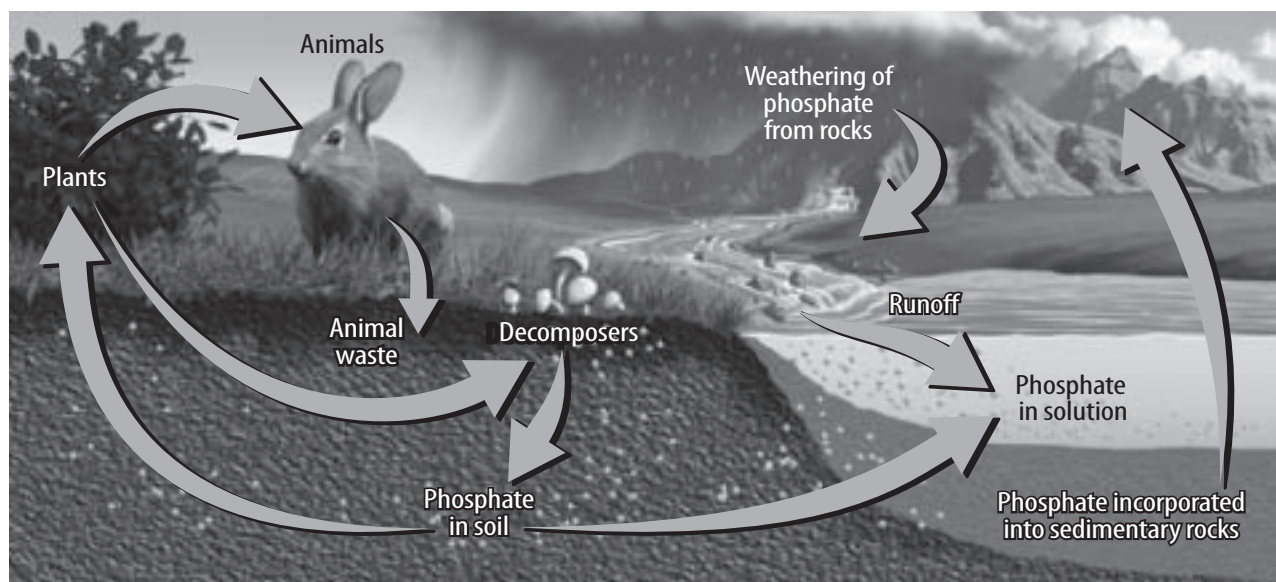


Key Concept Builder **LESSON 1****Earth Systems and Interactions**

Key Concept How do Earth systems interact in the phosphorus cycle?

Directions: Use the diagram to determine if each statement is true or false. On the line before each statement, write T if the statement is true or F if the statement is false. If the statement is false, change the underlined word(s) to make it true. Write your changes on the lines provided.



- _____ 1. Animal waste removes phosphates from soil. _____
- _____ 2. Phosphates are released when rain weathers rocks exposed at the surface.

- _____ 3. Phosphates cannot be dissolved by freshwater or salt water.

- _____ 4. Decomposers add phosphates to the soil when they break down the remains
of dead plants and animals. _____
- _____ 5. Plants take in phosphates from the soil, and animals take in phosphates when
they eat plants. _____
- _____ 6. Phosphates in soil do not interact with the hydrosphere.
