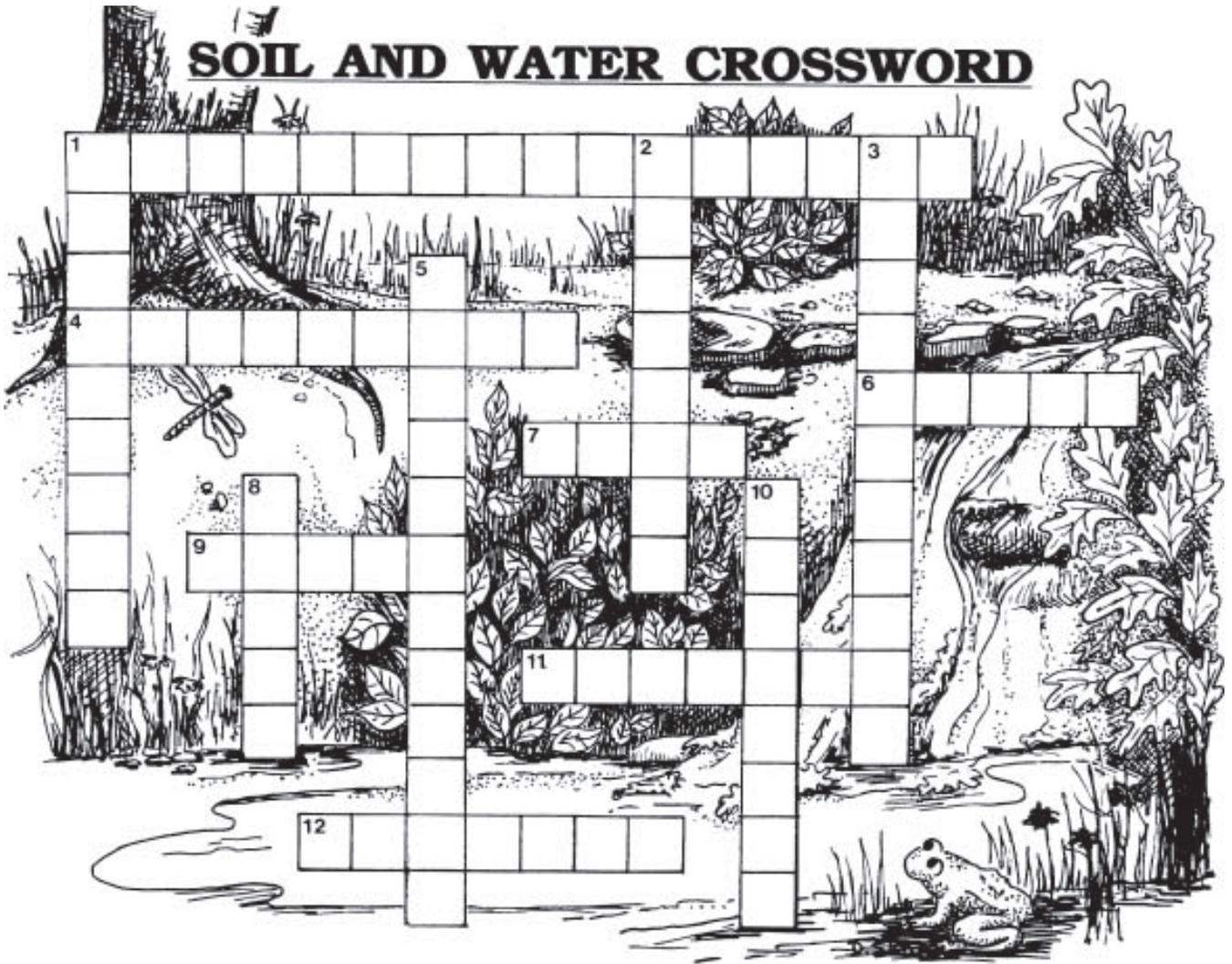


# SOIL AND WATER CROSSWORD



## ACROSS

1. soil, water, forests, minerals, wildlife, fish – things found in nature (two words)
4. artificial lake where water is stored
6. weathered particles that become soil
7. natural mixture of minerals, organic matter, water and air that forms land surface
9. liquid we need to live that covers most of the earth
11. loosening and movement of soil by water, ice, landslides and wind
12. science of the history of the earth

## DOWN

1. “food” that helps soil grow
2. any living being (people, animals, or insects)
3. everything that surrounds us
5. wise use and protection of soil and water
8. planet we live on
10. material deposited by water, glaciers and wind

Hint: use the glossary to help solve the puzzle



# GLOSSARY of soil and water terms

**conservation** – wise use and protection of our natural resources

**ecology** – science of the relationships between plants, animals and their environments

**environment** – everything that surrounds us

**erosion** – loosening and movement of soil by wind, water, ice and landslides

**geology** – science of the history of the earth

**habitat** – an area in which plants and animals live, grow and reproduce

**mineral** – (a natural resource) an inorganic substance with definite chemical and physical properties and definite crystal structure

**natural resources** – found in nature -- soil, minerals, forests, water, fish, wildlife

**nutrient** – something that provides nourishment for an organism to live (it can be food or chemicals)

**organic matter** – plant and animal materials in different stages of decay (decomposition) that may be part of the soil

**organism** – a living being (people, animals and insects are all organisms)

**particle** – a very small piece or part of something bigger

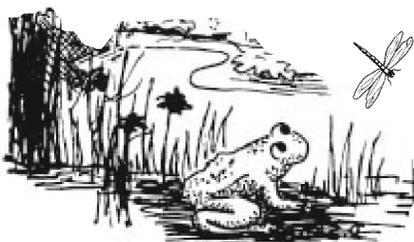
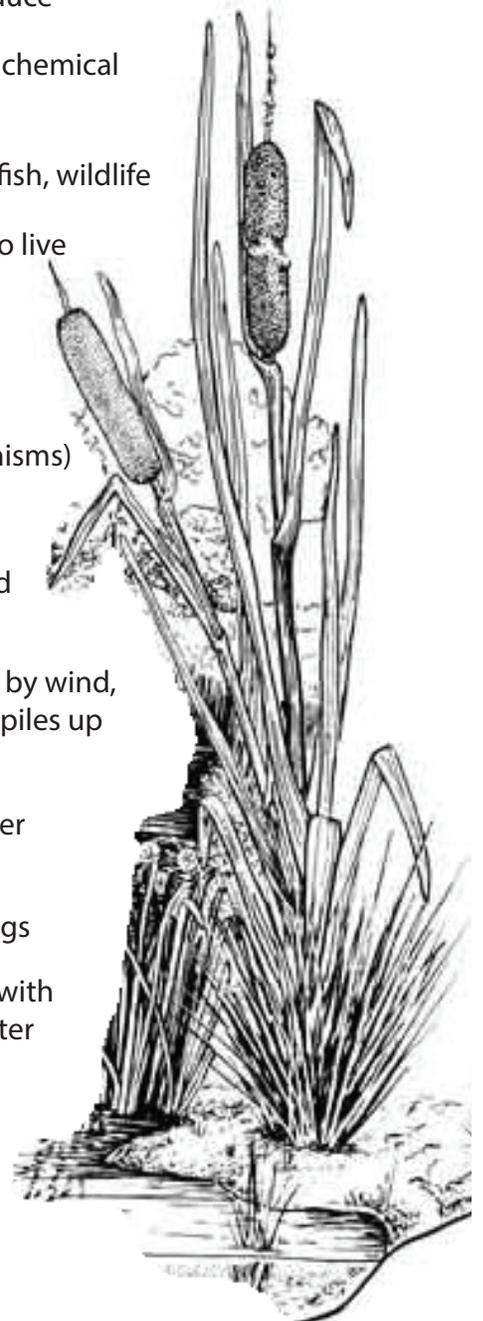
**reservoir** – a body of water (often a lake) in which water is collected or stored

**sediment** – bits of sand, soil, pebbles and other material deposited by wind, water and glaciers that washes into rivers, lakes and oceans and piles up layer on top of layer

**soil** – a naturally occurring mixture of minerals, organic matter, water and air that forms the surface of the land

**weathering** – breaking down of rock by wind, water and living things

**wetlands** – freshwater or saltwater areas (swamps, bogs, marshes) with waterlogged soils or that are covered with a shallow layer of water



# Hidden Words In Soil

C O N S E R V A T I O N H V P  
H Y S L P R B I V S W X T Q H  
P A E A I S O I L Q O W O B I  
X L B M I F R S B O R P U O Z  
G C A I M X A V I R M L M Z G  
P M S N T U T R O O S X B O W  
I D I A T A L O M C N E L K C  
Z W V K R S T C E S N I E O J  
D X E B E E T K H C E I Y X D  
X N D V E J R U C S A D I K M  
F P A S S D I O F J Y V U A G  
D E E S Z P B W Y K L G J I T  
L Y H L E D Q A D S H X B A R  
A U C Z F C Q X V I R A M L A  
J O D H F P U I I F L S X Y J

ANIMALS  
BIOME  
CLAY  
COMPOST  
CONSERVATION  
EROSION  
FARMS

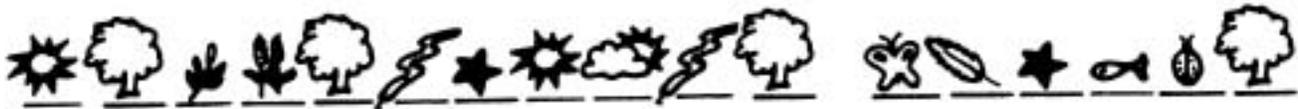
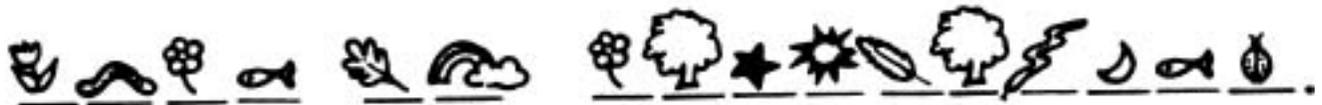
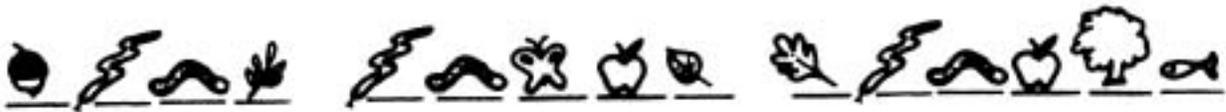
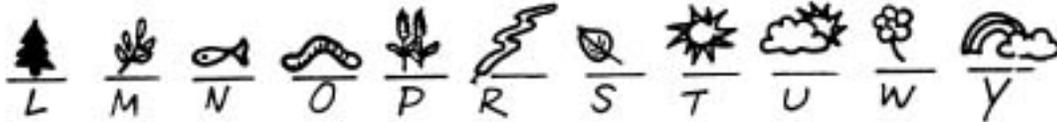
HABITAT  
INSECTS  
LEAVES  
MULCH  
PLANTS  
ROCK

ROOT  
SAND  
SEED  
SOIL  
TREES  
WORMS



# WEATHERING AWAY

In the coded message below, find out what helps make soil. Write the letter of each picture clue under the same picture in the puzzle.



## “Soil and Water” Crossword

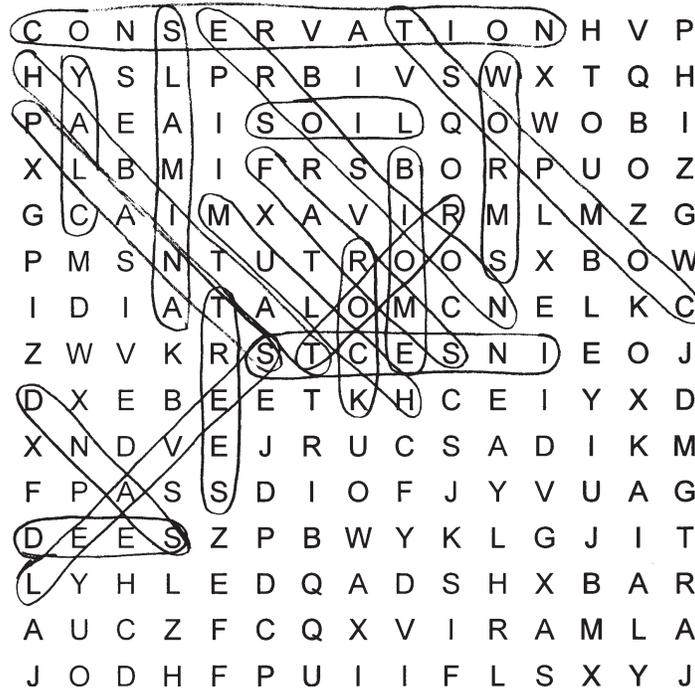
### Across

1. natural resources
4. reservoir
6. rocks
7. soil
9. water
11. erosion
12. geology

### Down

1. nutrients
2. organism
3. environment
5. conservation
8. earth
10. sediment

## “Hidden Words in Soil” Word Search



## Messages in “Soil Beneath My Feet”

- |                      |              |
|----------------------|--------------|
| GRAZING ANIMALS      | CROPS        |
| NATURE AREAS         | CONSTRUCTION |
| DAIRY OR OTHER FARMS | GARDENS      |

## Decoding in “Weathering Away”

SOILS FORM SLOWLY  
FROM ROCKS BROKEN  
DOWN BY WEATHERING  
TEMPERATURE CHANGE  
AND ICE HELP TO  
MAKE SOIL