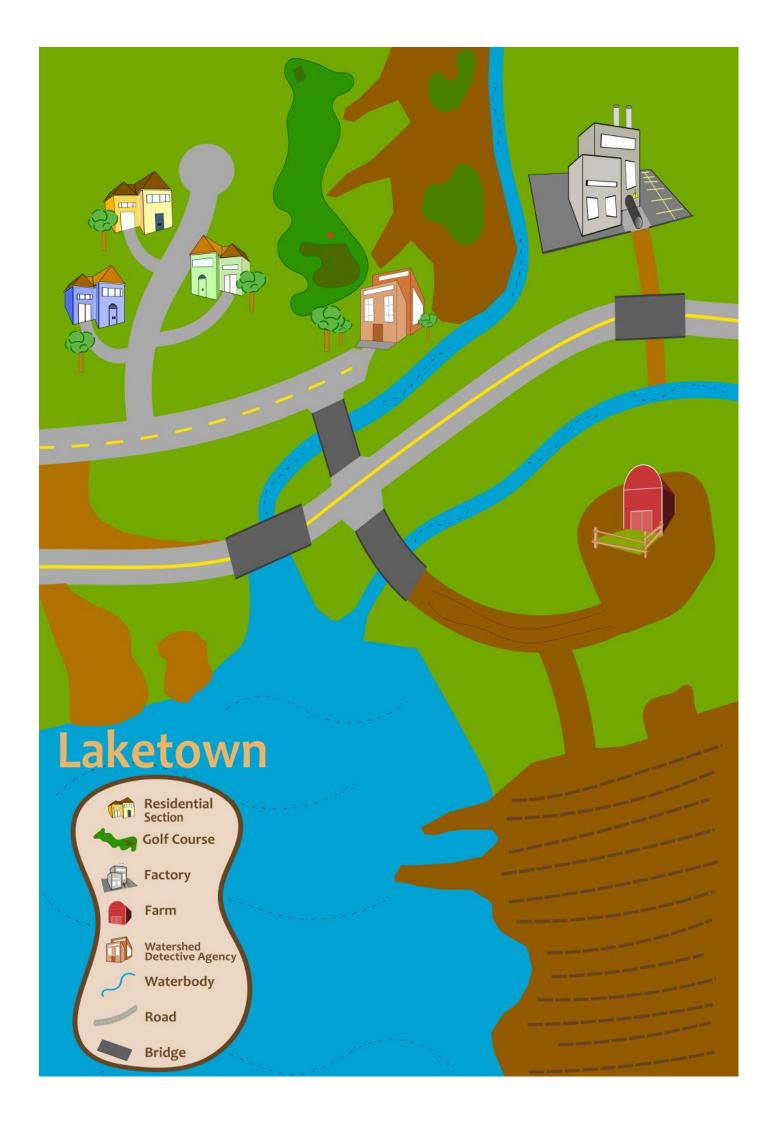


This is the Laketown Watershed Detective Agency. Detectives in the agency solve the town's watershed problems. Laketown Watershed Detective Agency





Cocoa lives in the residential section of Laketown. Ness asks Cocoa if she has seen anything unusual.

"When it rains, the stormwater runoff goes into the storm drain," she says.

"The water carries anything left on the ground including car oil and yard fertilizer."





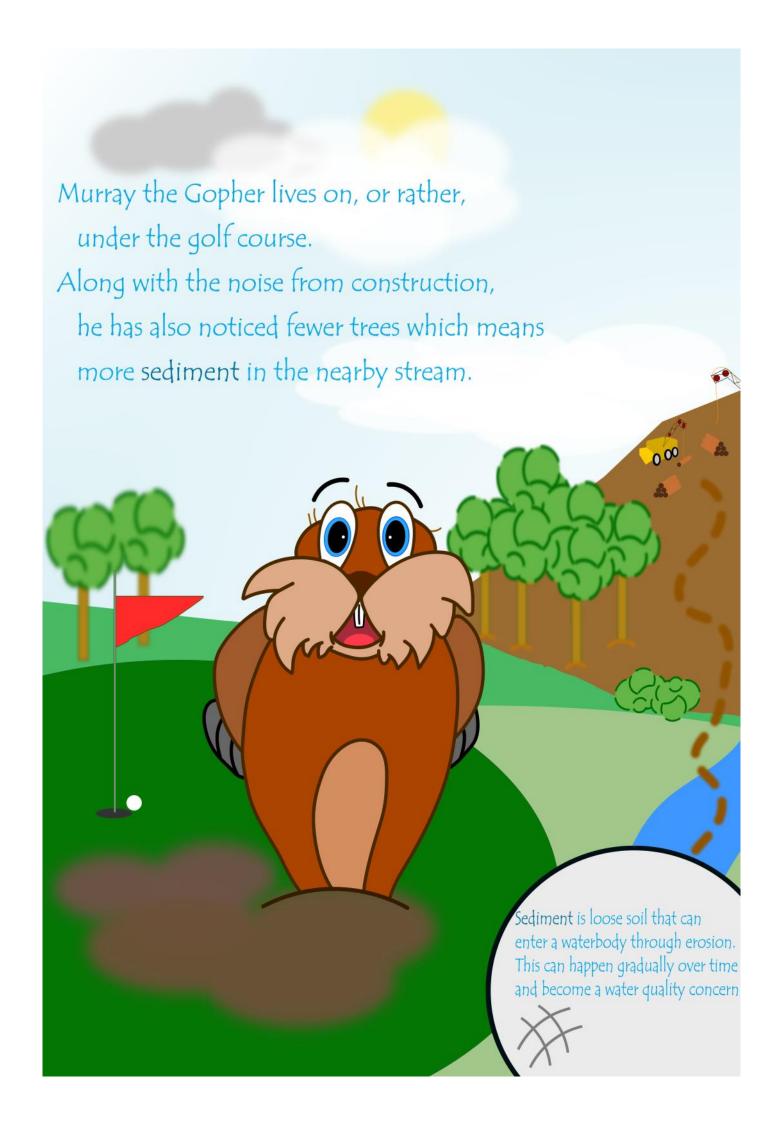
Stormwater Runoff Word Search

Find the items that can be washed away by stormwater runoff!



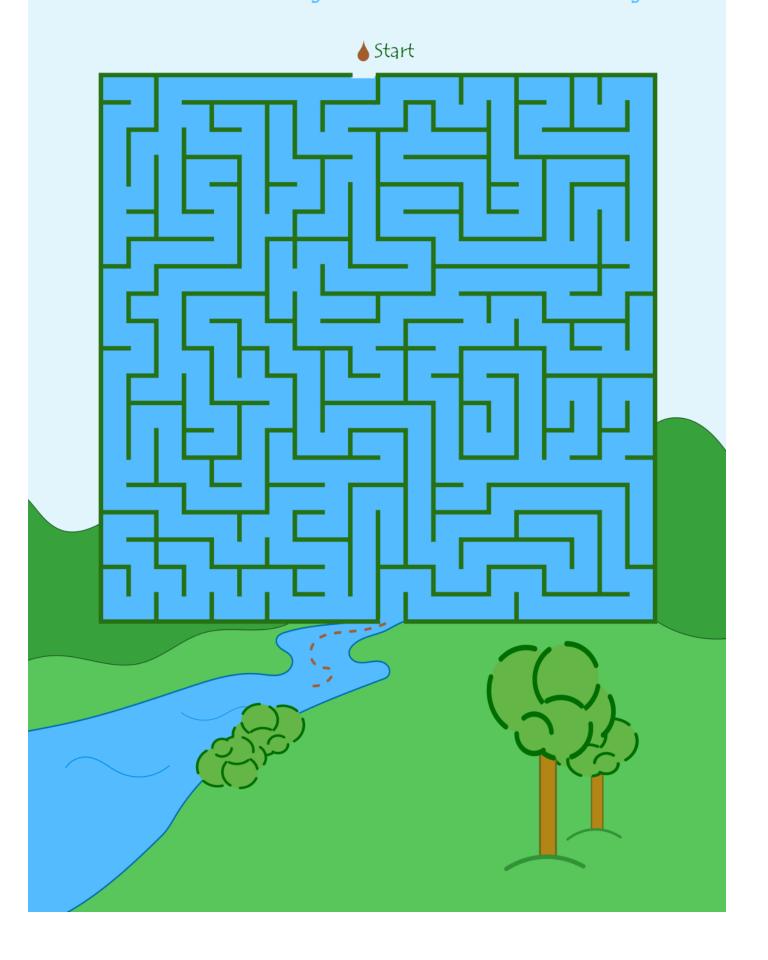
CHEMICALS LEAVES OIL SOAP FERTILIZER
LITTER
PESTICIDES
POLLUTANTS

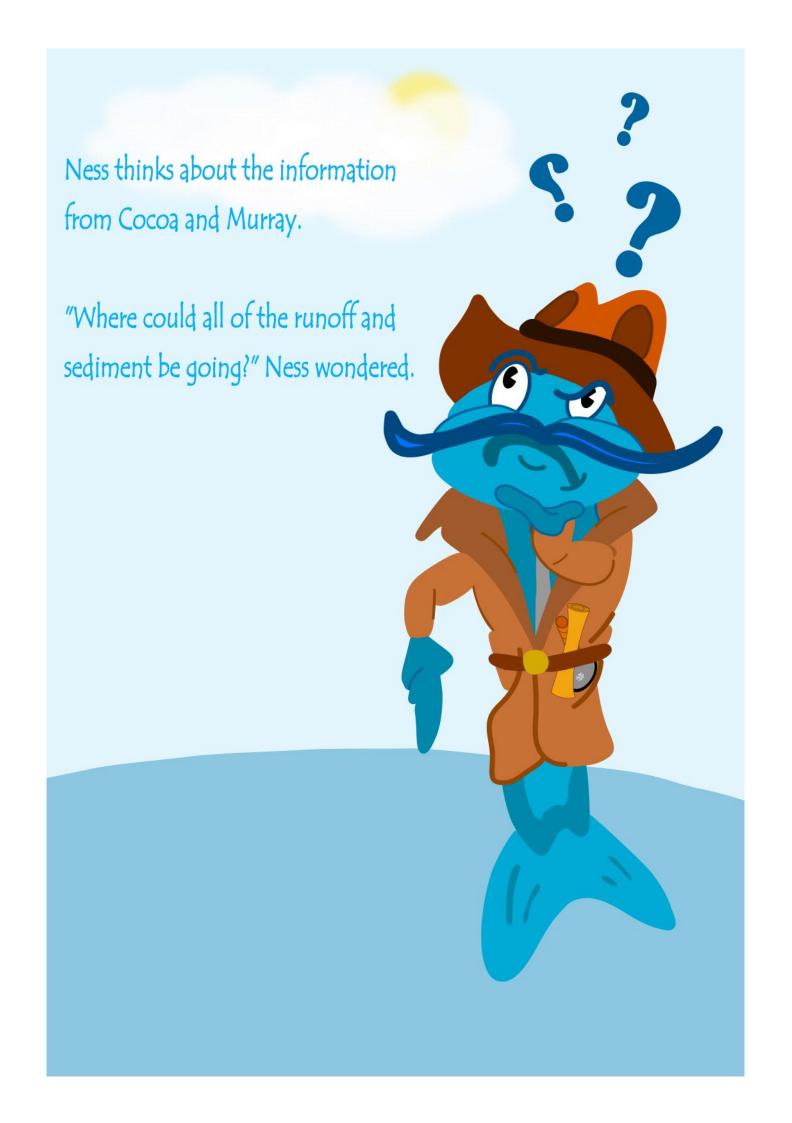
GAS MANURE SOIL WASTE



Sediment Maze

Track the sediment through the stream maze to see where it goes!



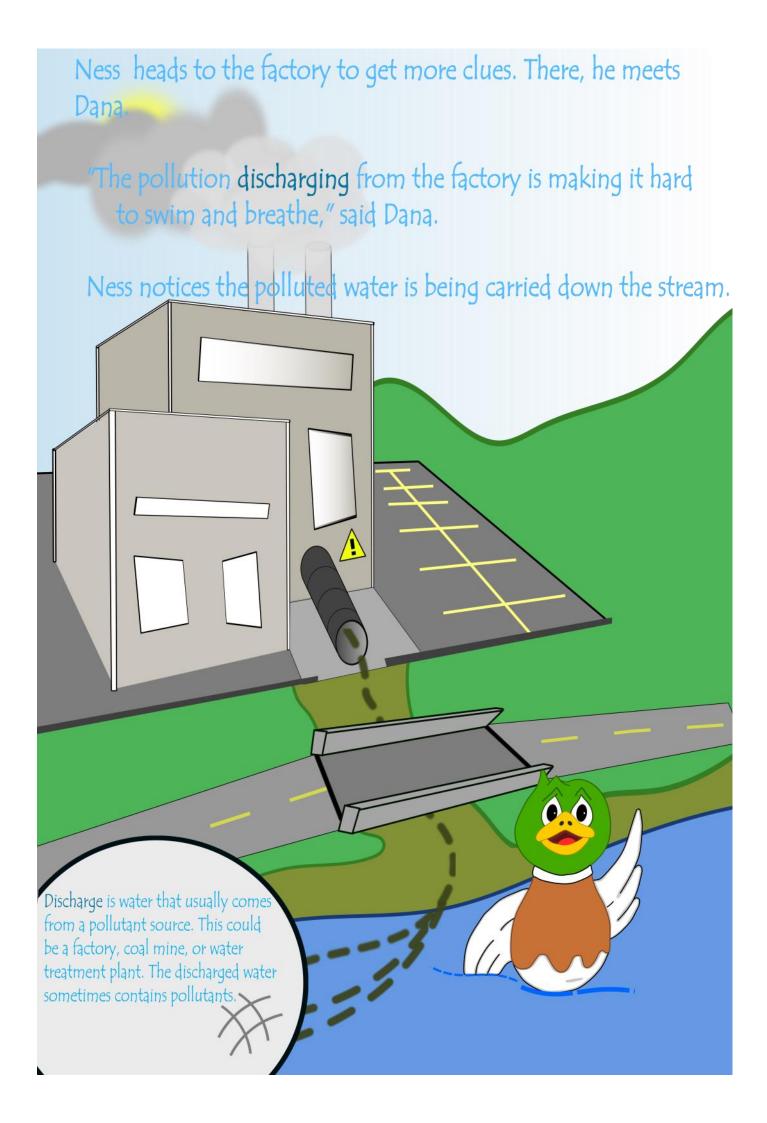


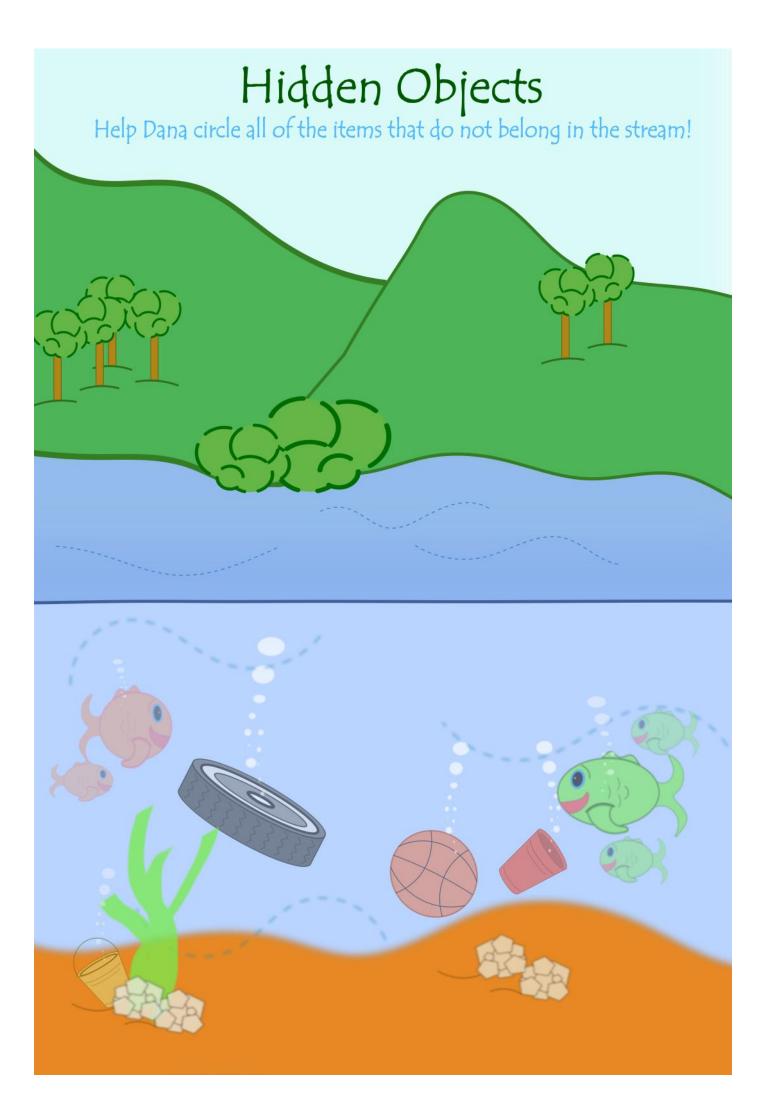
Fill in the Blank

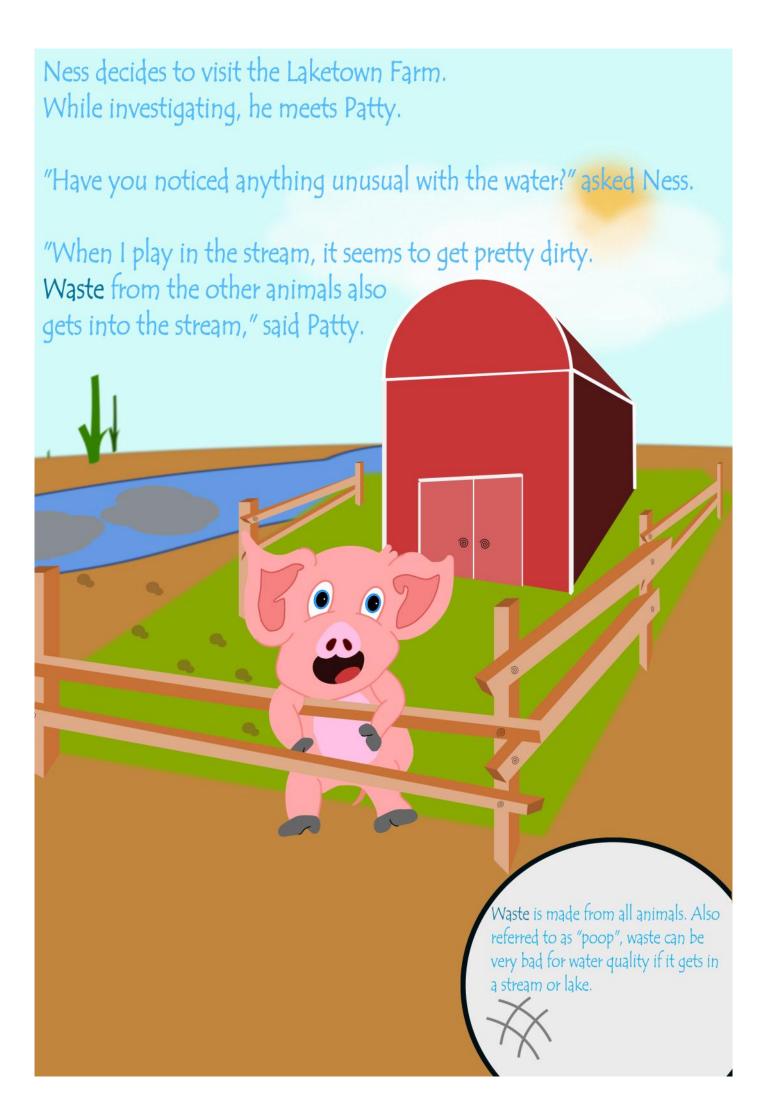


Help Ness remember the information to complete the puzzle! Use the words in the word bank to fill in the blanks.

Word Bank	Question
Sediment	1. A can be a lake, stream, or pond.
Storm Drain	2. When it's raining, flows to a storm drain or can be carried into a waterbody.
Fertilizer	3 is used on grass and can be washed away by stormwater runoff.
Watershed	4. A receives water when it is raining.
Stormwater Runoff	5 refers to the health of a waterbody.
Waterbody	6. Ais a large area where all water flows into a larger body of water, such as a lake or creek.
Water Quality	7 can flow into a stream because of erosion.







Secret Message

Uncover the secret message by using the clues below







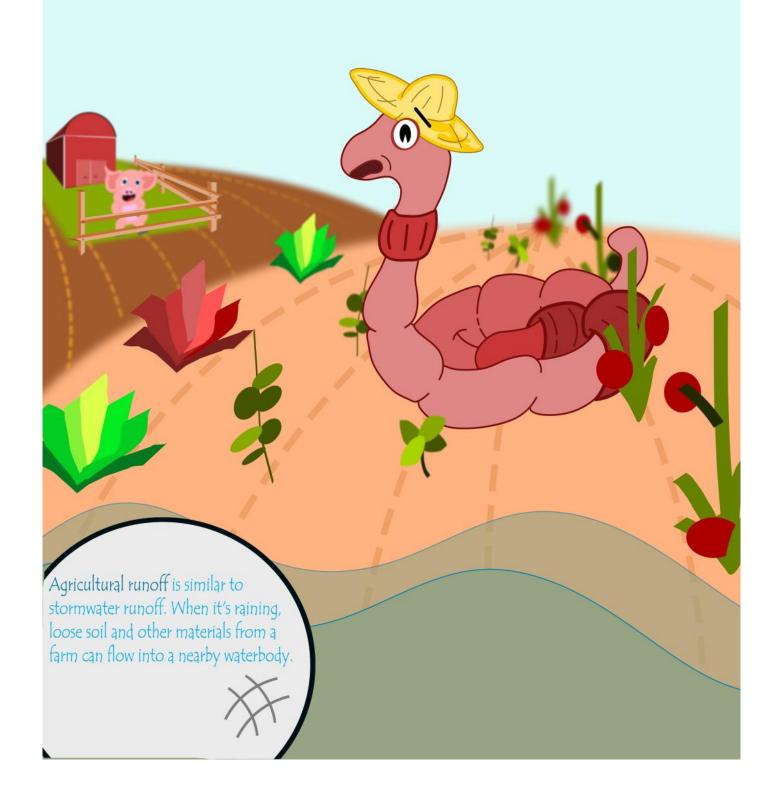




While on the farm, Ness visits Willy.

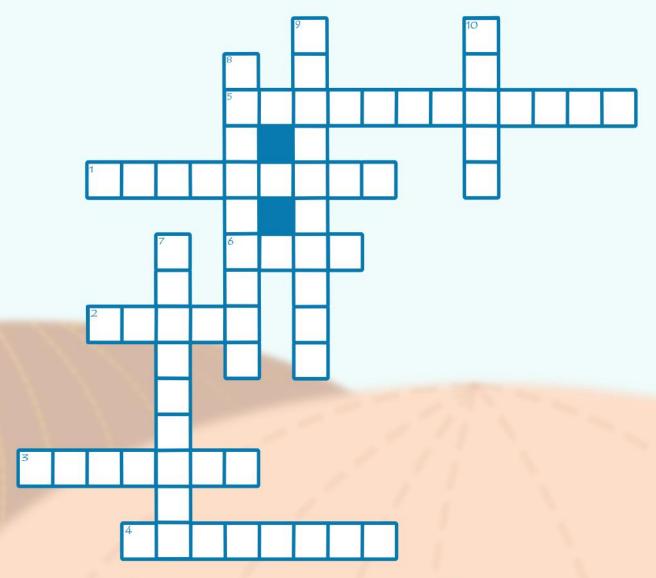
"The soil from the fields is eroding and ending up in the lake!" said Willy.

Ness explains to Willy that this is called agricultural runoff.



Crossword

Use the clues to figure out the words in the puzzle!

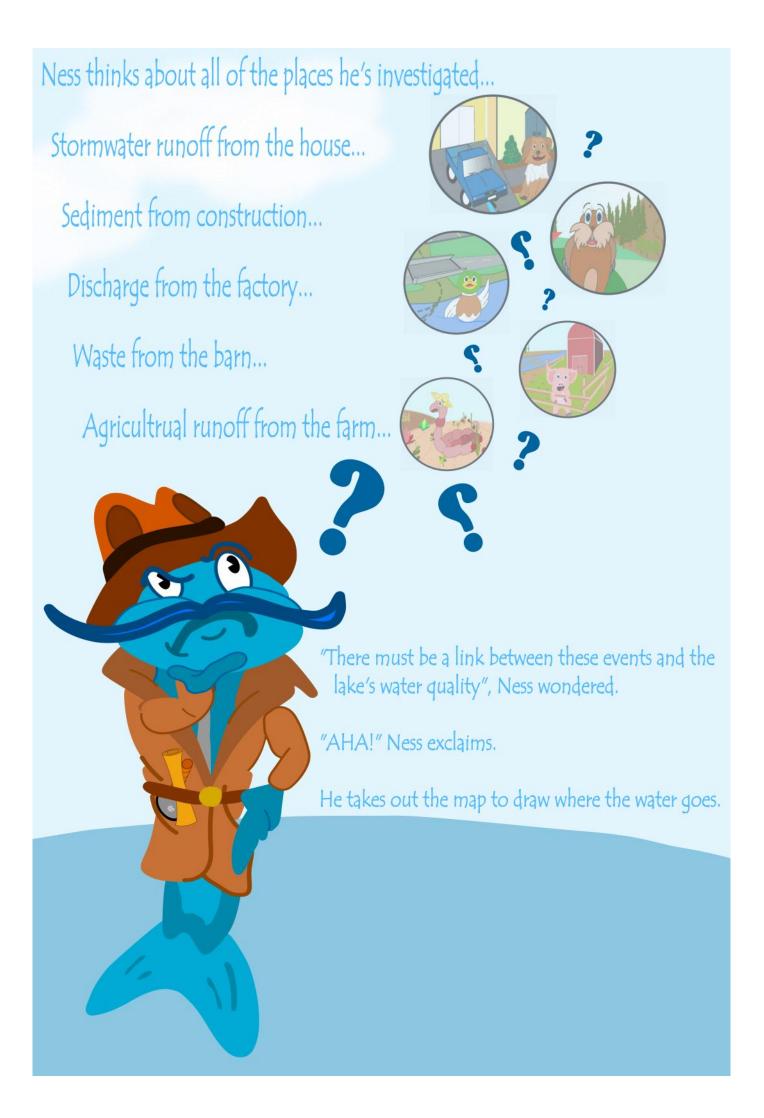


Across

- 1. The part of lake where the water meets land.
- 2. This can be trash but also something that all animals create.
- 3. A process that gradually degrades a streambank.
- 4. Eroded material that can be carried down a stream.
- 5. Type of runoff that is carried by rain over a farm field.
- 6. Material on a farm's surface that can be eroded by heavy rainfall.

Down

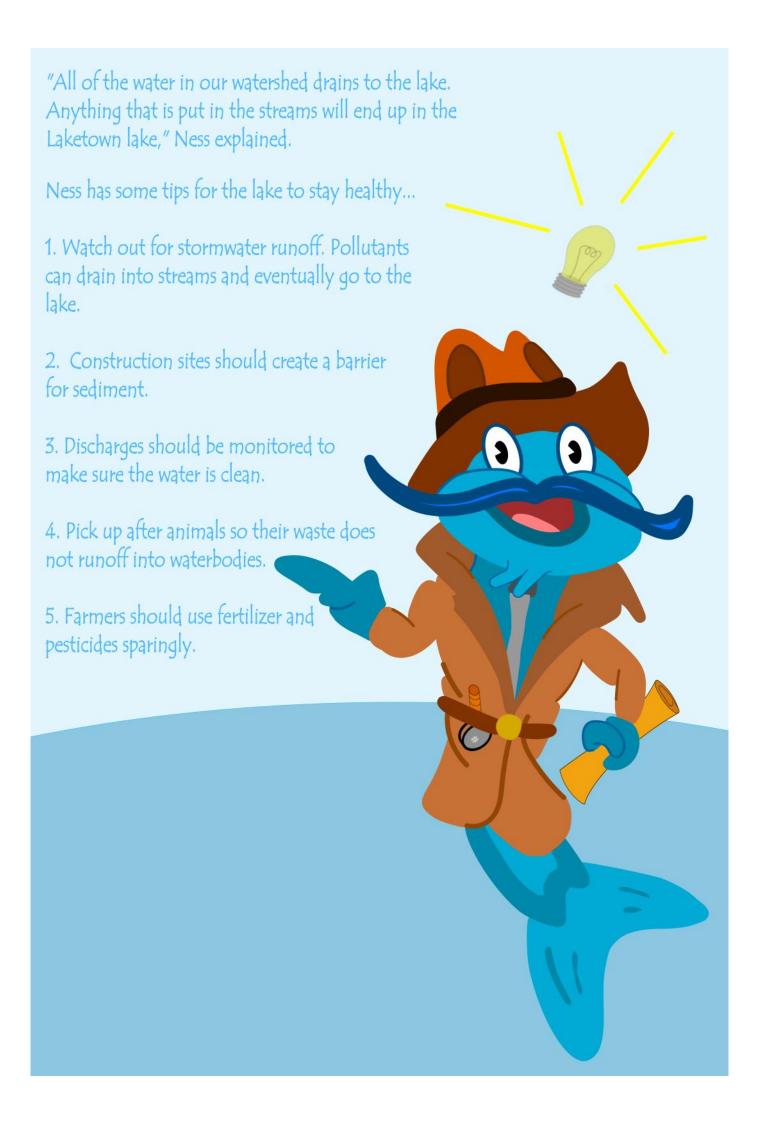
- 7. This keeps bugs off of crops and can also be washed away by rain.
- 8. The area of land that drains to a waterbody.
- 9. Nutrients for plants that can also be washed away by rain.
- 10. The health of a waterbody, such as a lake or stream is called _____ quality.

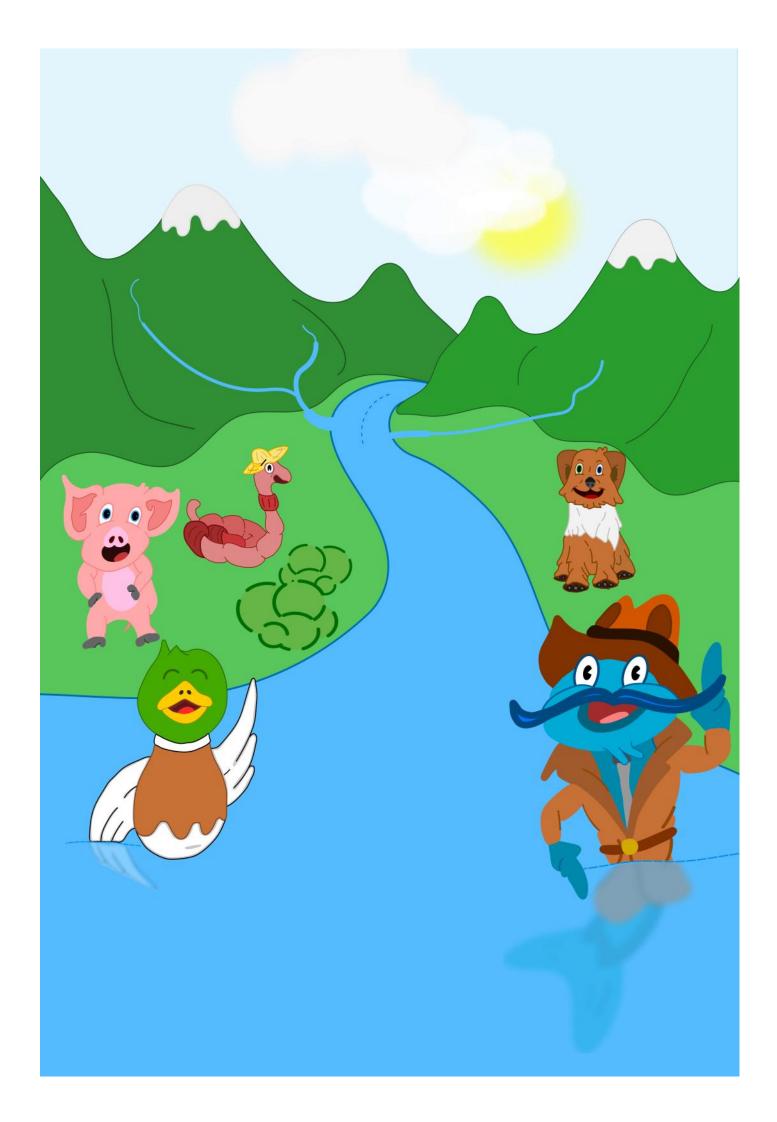


Connect The Dots

Help Ness connect the dots to find out where the water is draining!



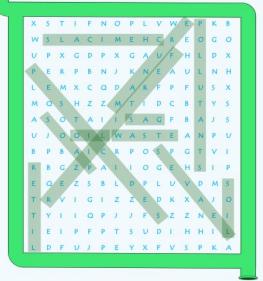






Puzzle Answer Key

Word Search

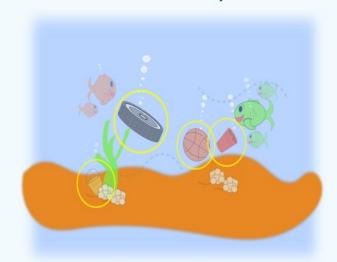


Maze

Fill in the Blank

- 1.) A waterbody can be a lake, stream, or pond.
- 2.) When it's raining, __stormwater___ runoff__ flows to a storm drain or can be carried into a waterbody.
- 3.) Fertilizer is used on grass and can be washed away by stormwater runoff.
- 4.) A storm drain receives water when it is raining.
- 5.) Water quality refers to the health of a waterbody.
- 6.) A <u>watershed</u> is a large area where all water flows into a larger body of water such as a lake or creek.
- 7.) Sediment can flow into a stream

Hidden Objects



Secret Message

CLEANINGUPWASTE FROM ANIMALS CAN IMPROVE WATER QUALITY

I B I S >

Crossword



Connect The Dots



