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# Garden JOURNAL

**Food, Water and Drought**



# LESSON #1: JUST PASSING THROUGH (RAINSCAPING)

What is the phrase we use when talking about saving stormwater?

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What is groundwater?

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Circle the surface that is **PERMEABLE**

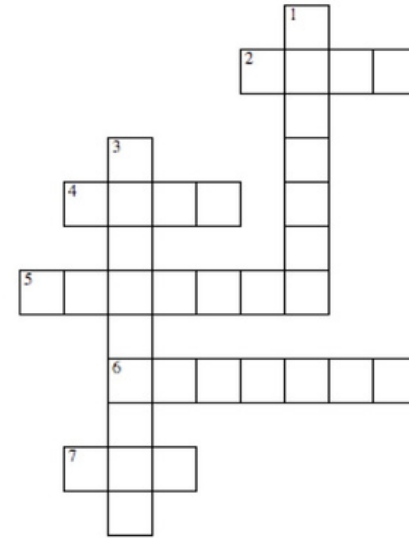


What is erosion?

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## Global Warming Crossword



Word Bank

- melting
- cars
- walking
- hot
- sunlight
- trapped
- cows

Across

- One of the main sources of carbon dioxide is \_\_\_\_\_.
- One of the main sources of methane is \_\_\_\_\_.
- The polar ice caps are \_\_\_\_\_ because of global warming.
- Sunlight is \_\_\_\_\_ by pollution, like carbon dioxide, in the atmosphere.
- Global warming means that the atmosphere gets \_\_\_\_\_ and heats the earth.

Down

- \_\_\_\_\_ instead of driving is one of the main ways we can stop global warming.
- \_\_\_\_\_ enters and leaves the atmosphere.



# LESSON #2: COOL CARBON SINK

Name: \_\_\_\_\_

## Renewable or Non-Renewable?

What is the energy source? Is it renewable or non-renewable?

Source:                  Renewable or Non-renewable:



<http://worksheetplace.com> © Image: The CherRoom TPT

Name: \_\_\_\_\_

## Fossil Fuels

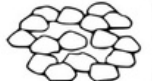
Fossil fuels provide us with a lot of energy. The 3 main types of fossil fuels are Coal, Oil and Natural Gas. Fossil fuels are found under the ground. Coal is mined and Oil and Gas are drilled for. Coal, Oil and Gas heat our homes. Oil is used to make many different plastic items. Oil provides fuel for many types of vehicles.

List or draw pictures of what Oil, Coal and Gas are used for:

Oil



Coal



Natural Gas



<http://worksheetplace.com>

## LESSON #3: HOOP HOUSE GREENHOUSE

Can you describe the **greenhouse effect**?

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Why do farmers use greenhouses?

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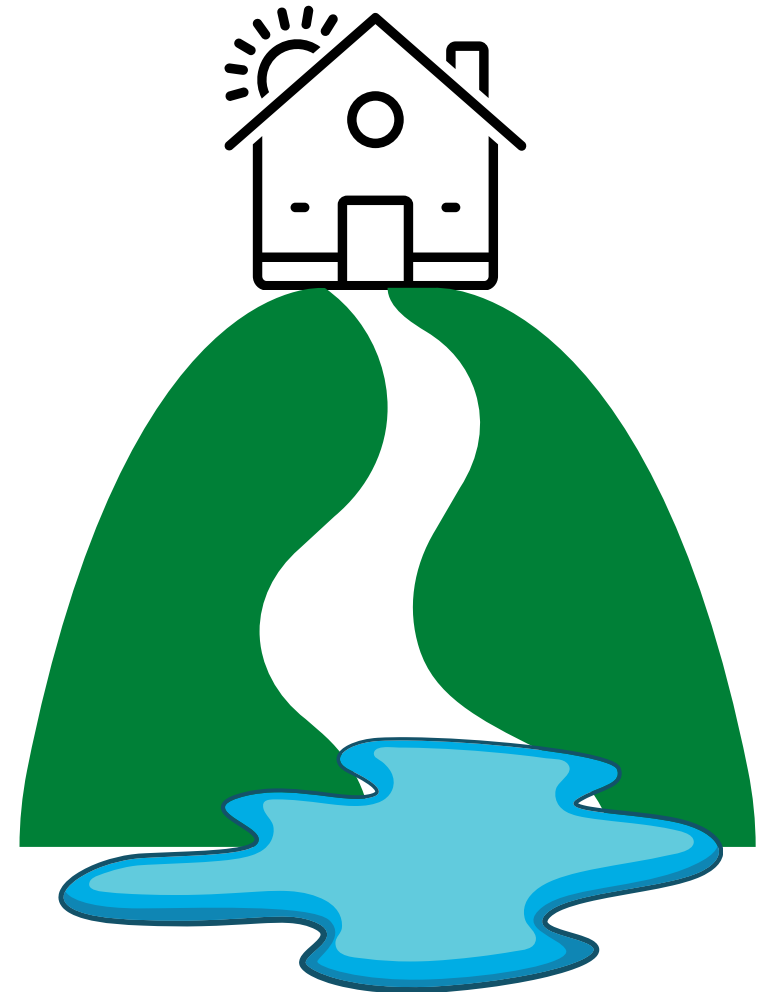
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Design your own greenhouse below  
and fill it with plants!



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How might you prevent runoff in this scene? Draw some ways that you could conserve water



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