

ES

Garden JOURNAL

Seed to Table to Compost



LESSON #1: IS SOIL ALIVE?

Draw what size the different particles are next to the ruler!

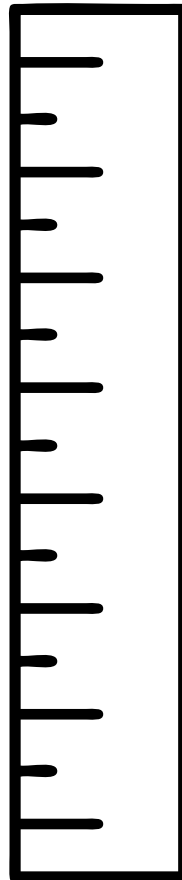
Gravel

Sand

Silt

Clay

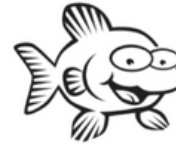
Hint: Clay particles are so small that they are invisible



Now, circle which particles are part of our soil.

1

Tons of Trash!



Litter is generated by many sources, from boats and oil rigs on the water to picnickers, fishermen, and beachgoers along the shore. Hidden below is a list of objects that have been discarded into our oceans. See if you can find them all!



- | | | |
|----------------|--------------|--------------|
| BAIT CONTAINER | CRATE | FISHING NET |
| BALLOON | CUP | GLASS BOTTLE |
| BUCKET | DIAPER | GLOVE |
| BUOY | DOLL | HARD HAT |
| CIGARETTE | FISHING LINE | HOSE |
| LUMBER | | SHOE |
| PAINT BRUSH | | SODA CAN |
| RADIO | | STRAW |
| ROPE | | TIRE |
| RUG | | TRASH BAG |

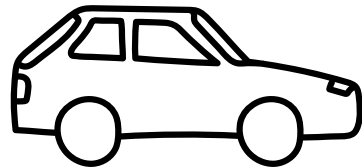
6

Borrowed from
<https://marinedebris.noaa.gov/>

LESSON #2: LIVING IN OUR WATERSHED



Draw how the rain will act as runoff and where it will travel.

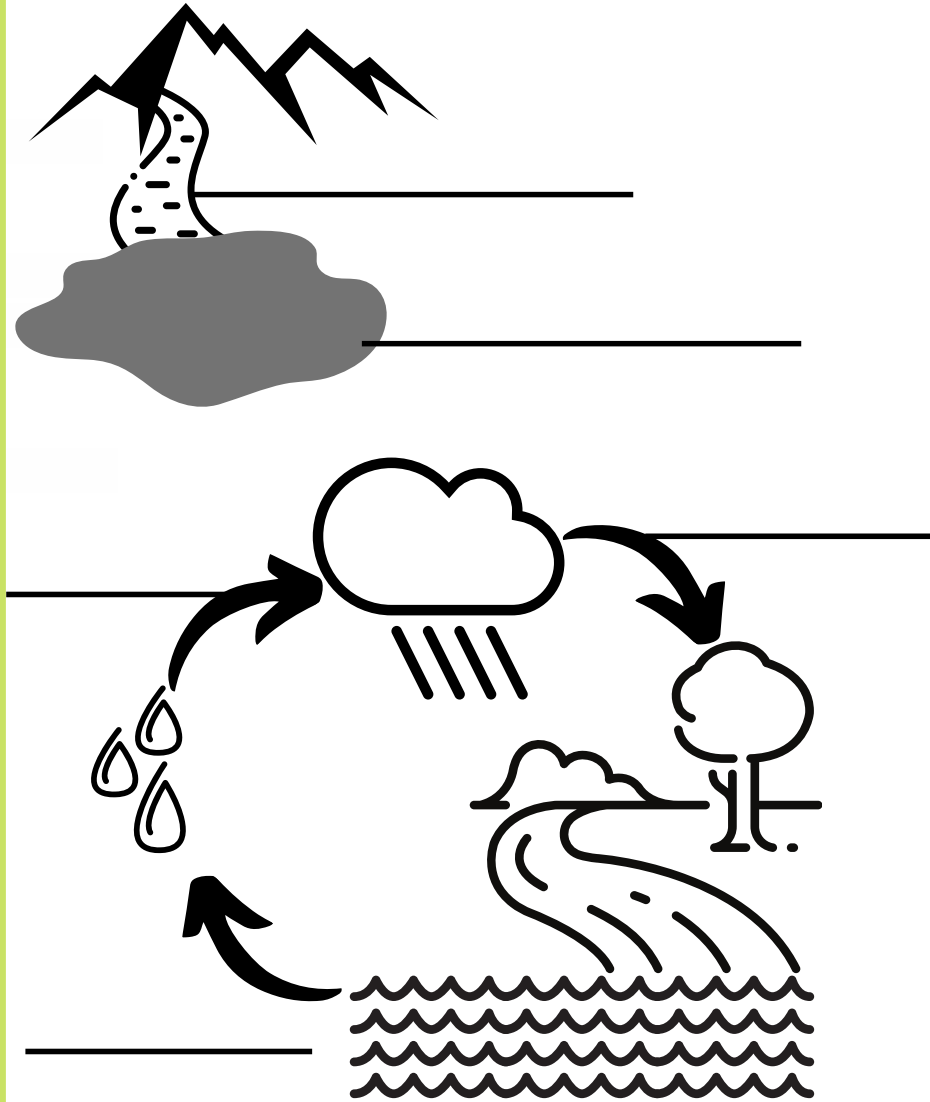


What is runoff and how does it affect our environment?

.....
.....

Label the parts of the watershed and water cycle with the words from the wordbox.

Lake Precipitation Condensation
Tributary Evaporation



LESSON #3: POLLUTION SOLUTIONS

Pick which answer to the question you think is best to keep our oceans and beaches safe and healthy.



Which of these activities can lead to trash in the ocean?

- A. Throwing a gum wrapper out of a car window
- B. Accidentally leaving sand toys on the beach
- C. Wind blowing trash out of a full trash bin
- D. All of the above

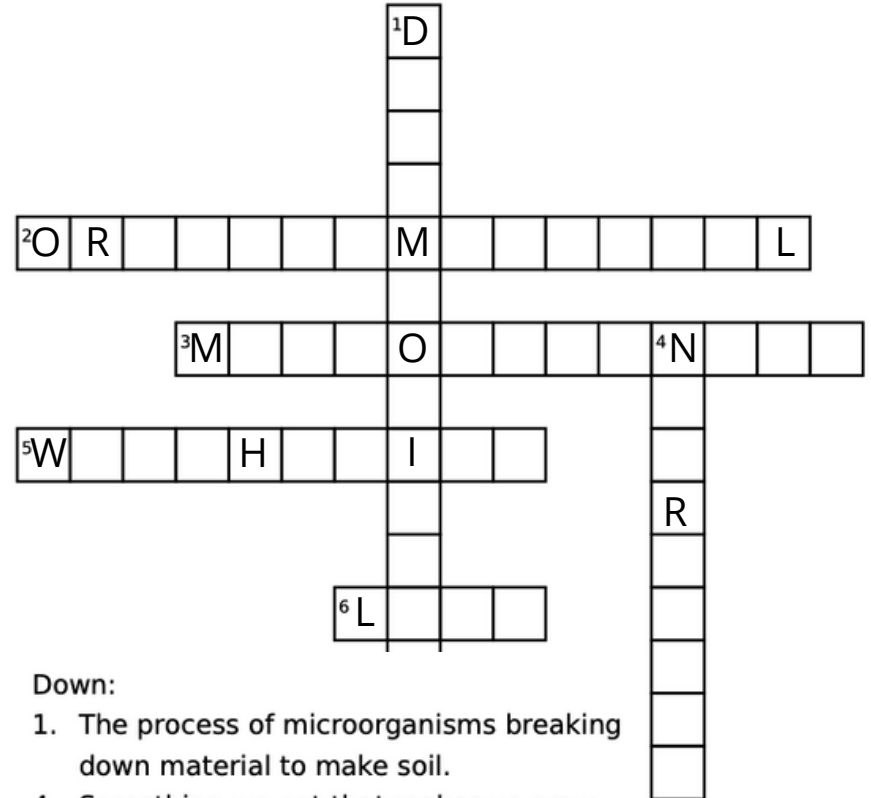
Who is in charge of keeping trash out of the ocean?

- A. The President
- B. Beach visitors
- C. Trash collectors
- D. Everyone

Marine debris is...

- A. An animal that lives in the deepest part of the ocean
- B. Any kind of trash that ends up in the ocean
- C. A small plant that floats on the surface of the ocean
- D. The seaweed that washes onto the beach

Soil Scramble!



Down:

- 1. The process of microorganisms breaking down material to make soil.
- 4. Something we eat that makes us grow healthy and strong! Fruits and vegetables have a lot of these.

Across:

- 2. Anything that was once living. Examples are fallen leaves and branches.
- 3. Tiny bugs that you cannot see without a microscope.
- 5. When water, wind and sun break material down to become soil.
- 6. Soil that is a mixture of sand, clay, silt, and maybe even organic material.