

# UNIT 1: JUST ADD WATER



Root Word	Meaning	Origin
hydr	water	Greek
aqua/aqu	water	Latin
mar/mer	sea	Latin



## dehydrate

(v) - to lose water or moisture; to become dry

*Running a marathon without drinking water will likely **dehydrate** a runner.*

## hydroelectric

(adj) - related to electricity that is made from the energy of falling water  
*Water that is released from the Bonneville Dam turns many turbines, large wheels, and makes **hydroelectric** energy.*

## hydrant

(n) - an upright pipe with a spout, nozzle, or other outlet, usually in the street, for drawing water from a main pipe, especially for fighting fires

*The firefighters hooked up a large hose to the fire **hydrant** and started to spray the burning house with water.*

## aquatic

(adj) - living or taking place in water

*Water polo is my favorite **aquatic** sport.*

## aqueduct

(n) - a channel that has been built to carry water over long distances

*Our drinking water is carried from the mountains through large **aqueducts** until it finally makes its way to us.*

## aquarium

(n) - a glass tank or bowl in which fish or other aquatic animals live

*He loved to sit and watch the fish swim back and forth in the **aquarium**.*

## aquifer

(n) - an underground layer of rock that water continually moves through

*The homesteaders dug their well right over the **aquifer** in order to get a clean and steady supply of water.*

## marine

(adj) - related to the sea; existing in or produced by the sea

*The oil spill near the Gulf Coast harmed many **marine** animals and plants.*

## marina

(n) - a small harbor where small boats can dock

*We looked out at the **marina**, watching the sail boats come and go.*

## maritime

(adj) - on or near the sea

*The Chesapeake Bay is known for its **maritime** industries such as fishing and crabbing.*

# 1A: SENTENCE COMPLETION

DIRECTIONS: Complete the following sentences with the correct word from your list. Each word will be used only once.



dehydrate  
hydroelectric  
hydrant  
aquatic  
aqueduct  
aquarium  
aquifer  
marine  
marina  
maritime

1. The boats were bobbing up and down in the \_\_\_\_\_.
2. The \_\_\_\_\_ was filled with colorful fish and coral.
3. You should never park in front of a \_\_\_\_\_ in case there is a fire and emergency crews need to get to it.
4. We played a number of \_\_\_\_\_ games in the pool.
5. We saw fish, crabs, and many other types of \_\_\_\_\_ life.
6. They are building another \_\_\_\_\_ to carry more water to the city.
7. \_\_\_\_\_ energy from dams is much cleaner than burning fossil fuels and therefore better for our environment.
8. The \_\_\_\_\_ villages depended greatly on fishing and ship building to survive.
9. The water that flows through an underground \_\_\_\_\_ may later become part of our water supply.
10. When the weather is hot, you should drink plenty of water so you do not \_\_\_\_\_.

# 1B: YES or NO?

DIRECTIONS: Respond to the following statements by circling "Yes" or "No."

1. **Yes No** Deserts are usually located in **maritime** regions.
2. **Yes No** **Aquifers** are human-made structures that water flows through.
3. **Yes No** An **aquarium** can hold water without leaking.
4. **Yes No** All fire **hydrants** are bright yellow.
5. **Yes No** You can become **dehydrated** if you do not drink enough water.
6. **Yes No** An **aqueduct** is like a large underground lake.
7. **Yes No** Large ships and oil tankers can dock in a **marina**.
8. **Yes No** **Hydroelectric** energy is created by moving water.
9. **Yes No** **Marine** life also refers to fresh water fish in lakes and ponds.
10. **Yes No** Swimming is considered an **aquatic** sport.

# 1C: CHOOSE TWO

DIRECTIONS: Choose two words that BEST explain or define the bold root word.

- |                         |                |             |            |                |
|-------------------------|----------------|-------------|------------|----------------|
| 1. <b>dehydrate</b>     | a. moist       | b. dry      | c. arid    | d. water       |
| 2. <b>hydroelectric</b> | a. energy      | b. gas      | c. ocean   | d. power       |
| 3. <b>hydrant</b>       | a. pipe        | b. burn     | c. hose    | d. spout       |
| 4. <b>aquatic</b>       | a. mountains   | b. pool     | c. ocean   | d. desert      |
| 5. <b>aqueduct</b>      | a. river       | b. passage  | c. channel | d. lake        |
| 6. <b>aquarium</b>      | a. fishbowl    | b. cage     | c. pond    | d. fish tank   |
| 7. <b>aquifer</b>       | a. underground | b. dirty    | c. beach   | d. watery      |
| 8. <b>marine</b>        | a. valley      | b. nautical | c. sea     | d. lake        |
| 9. <b>marina</b>        | a. airport     | b. cars     | c. dock    | d. harbor      |
| 10. <b>maritime</b>     | a. coastal     | b. oceanic  | c. snow    | d. rain forest |

# 1D: ANALOGIES

DIRECTIONS: Circle the analogy that BEST matches the bold words.

- |   |   |  |
|---|---|--|
| 1. <b>WATER POLO : AQUATIC</b><br>a) baseball : football<br>b) goalie : soccer<br>c) horse racing : equestrian<br>d) water : swimming | 2. <b>DEHYDRATED : WATER</b><br>a) coke : juice<br>b) coffee : tea<br>c) thirsty : hungry<br>d) starving : food | 3. <b>MARINA : BOATS</b><br>a) ocean : bikes<br>b) parking lot : cars<br>c) river : rafts<br>d) planes : sky               |
| 4. <b>STARFISH : MARINE</b><br>a) polar bear : arctic<br>b) fish : whales<br>c) dogs : cats<br>d) horse : desert                      | 5. <b>ROCK : AQUIFER</b><br>a) water : lake<br>b) ocean : shells<br>c) magma : lava<br>d) underground : sand    | 6. <b>WATER : HYDROELECTRICITY</b><br>a) fossil fuels : gas<br>b) mammals : reptiles<br>c) dam : river<br>d) food : plants |
| 7. <b>HYDRANT : EXTINGUISH</b><br>a) refrigerator : cool<br>b) books : paper<br>c) ocean : breeze<br>d) fire : water                  | 8. <b>FISH : AQUARIUM</b><br>a) dog : cat<br>b) hamster : cage<br>c) barn : horse<br>d) water : glass           |  |
| 9. <b>WAVES : MARITIME</b><br>a) cold : hot<br>b) bay : pier<br>c) snow : mountains<br>d) swim : ocean                                | 10. <b>AQUEDUCT : WATER</b><br>a) channel : mud<br>b) brick : house<br>c) waterfall : stream<br>d) vein : blood |  |



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# 1E: TIME TO EXPLORE

DIRECTIONS: Sort the words from this lesson into the table below. Then find additional words with the same roots and place them in the appropriate column/row.

root	verb	noun	adjective	adverb
hydr				
aqua/ aqu				
mar/ mer				

# 1F: APPLY WHAT YOU KNOW

DIRECTIONS: Answer the questions below.

1. How are **aquifers** and **aqueducts** alike and different? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. What are some examples of **maritime** jobs? \_\_\_\_\_  
\_\_\_\_\_
3. When would you use **marine** as an adjective? **Aquatic**? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. What things might you see, hear, or smell at a **marina**? \_\_\_\_\_  
\_\_\_\_\_
5. How can you prevent becoming **dehydrated**? \_\_\_\_\_  
\_\_\_\_\_



# UNIT 1: WORD & DEFINITION MATCH



DIRECTIONS: Cut out the pieces below and match the words with the correct definitions.

<b>dehydrate</b>	on or near the sea
<b>marina</b>	a channel that has been built to carry water over long distances
<b>aquarium</b>	to lose water or moisture; to become dry
<b>maritime</b>	an upright pipe with a spout, nozzle, or other outlet, usually in the street, for drawing water from a main or service pipe, especially for fighting fires
<b>hydroelectric</b>	living or taking place in water
<b>aquifer</b>	related to the sea; existing in or produced by the sea
<b>aquatic</b>	a glass tank or bowl in which fish or other aquatic animals live
<b>aqueduct</b>	related to electricity that is made from the energy of falling water
<b>marine</b>	an underground layer of rock that water continually moves through
<b>hydrant</b>	a small harbor where small boats can dock