

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.*

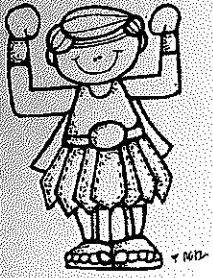
maritime

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

1D: ANALOGIES

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

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



15: 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				

16: 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.

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on or near the sea

marina

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aquarium

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maritime

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hydroelectric

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