



News Around The Water Tower

VOLUME 1, ISSUE 6

OCTOBER 1, 2008

Rural Water District No. 2
Miami County, KS
 25290 Harmony Road Paola, KS 66071

WATER FUN FACTS & TRIVIA

Water Trivia

1. Water is the only substance found on earth naturally in three forms. (Solid, Liquid and Gas)
2. Does water regulate the earth's temperature? (Yes, it is a natural insulator)
3. How long can a person live without food? (More than a month) How long can a person live without water? (Approximately one week, depending on conditions)
4. How much of the human body is water? (66%) (75% of the human brain is water)
5. How much of the earth's surface is water? (80%)
6. Of all the earth's water, how much is ocean or seas? (97%)
7. How much of the world's water is frozen and therefore unusable? (2%)
8. How much of the earth's water is suitable for drinking water? (1%)
9. Is it possible to drink water that was part of the dinosaur era? (Yes, water is constantly recycled)
10. What is the most common substance found on earth? (Water)
11. How much water does the average residence use during a year? (Over 100,000 gallons-indoors and outside)
12. What does a person pay for water on a daily basis? (National average is 25 cents)
13. How many community public water systems are there in the United States? (54,000)
14. How much water do these utilities process daily? (38 billion gallons)
15. How many miles of pipeline and aqueducts are in the United States and Canada? (Approximately one million miles or enough to circle the earth 40 times)
16. What were the first water pipes made from in the U.S.? (Fire charred bored logs)
17. Where was the first municipal water filtration works opened and when? (Paisley, Scotland in 1832)
18. How much does one gallon of water weigh? (8.34 lbs.)
19. What is the weight of water in one cubic foot? (62.4 pounds)
20. How much water drops with an inch of rain on one acre of ground? (27,154 gallons, which weighs 113 tons)

How Much Water Do We Use...

- | | |
|-----------------------------------|--------------------|
| _____ 1. Taking a shower | A) 1 gallon |
| _____ 2. Watering the lawn | B) 30 gallons |
| _____ 3. Washing dishes by hand | C) 15-30 gallons |
| _____ 4. Automatic dishwasher | D) 1/2 gallon |
| _____ 5. Washing clothes | E) 180 gallons |
| _____ 6. Flushing the toilet | F) 12-15 gallons |
| _____ 7. Brushing teeth | G) 4-7 gallons |
| _____ 8. Drinking | H) 9-20 gallons |
| _____ 9. Watering one horse daily | I) 9-12 gallons |
| _____ 10. Watering one dog daily | J) 1/2 to 1 gallon |

Answers: 1. C, 2. E, 3. H, 4. I, 5. B, 6. G, 7. A, 8. D, 9. F, 10. J

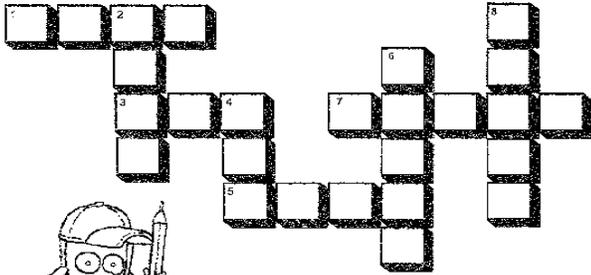
How Much Water Does It Take

1. To process a quarter pound of hamburger?
2. For the growing and production of french fries?
3. For a dairy cow to drink to produce one gallon of milk?
4. In the growing and production of one chicken?
5. For the chicken to produce an egg?
6. For the growing and production of a single orange?
7. For the growing and production of a watermelon?
8. For the growing and production of a loaf of bread?
9. For the growing and production of a tomato?
10. For the growing and production of rice?
11. For the growing and production of almonds?
12. To process one can of fruit or vegetables?
13. To produce one ton of steel?
14. To manufacture a new car and its four tires?
15. To produce a single day's supply of U.S. newsprint?

Answers: 1. Approximately 1 gallon, 2. 6 gallons, 3. 4 gallons, 4. 400 gallons, 5. 120 gallons, 6. 13.8 gallons, 7. 100 gallons, 8. 150 gallons, 9. 3 gallons, 10. 35 gallons, 11. 12 gallons, 13. 62,600 gallons, 14. 39,090 gallons, 15. 300 million gallons

KIDS FUN PAGE

Complete the crossword puzzle to test your knowledge of water.



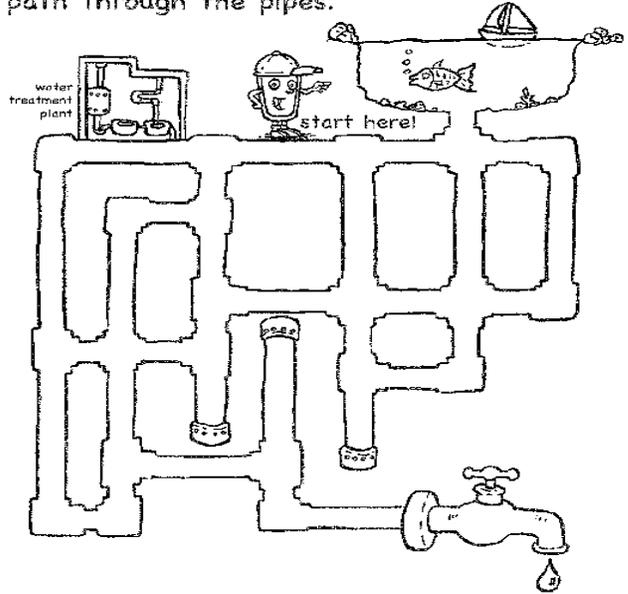
ACROSS

1. Always _____ your hands before dinner.
3. Add this to water to make it cold.
5. Big body of water.
7. If you have a leaky faucet, get it _____.

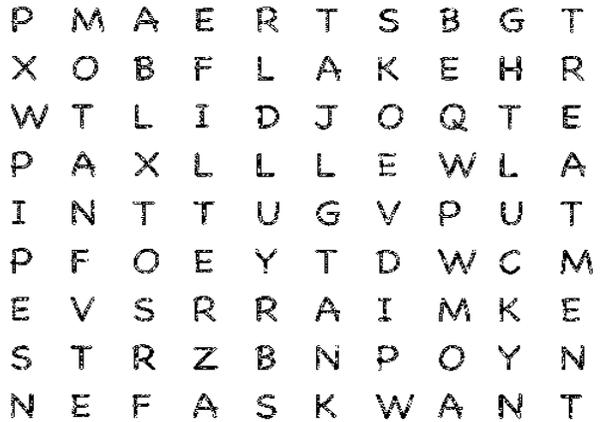
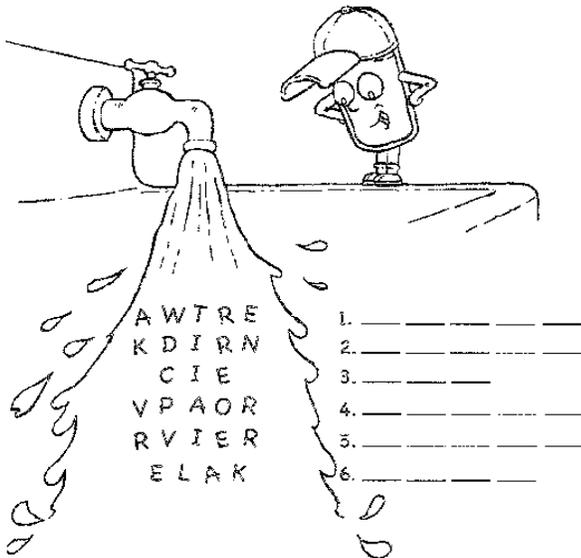
DOWN

2. People go to the beach to _____.
4. Snake-like fish.
6. Water travels through these.
8. When you boil water, _____ rises out of the pan.

Help the water find its way from the lake to your faucet by following the correct path through the pipes.

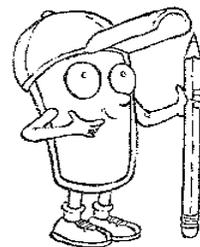


Unscramble the letters:



Find and circle these words:

- | | |
|--------|-----------|
| STREAM | WELL |
| FILTER | TREATMENT |
| PIPES | TANK |
| SAFE | POLLUTION |
| WATER | LAKE |



GAME ANSWERS



Word Search Game



Word Scramble Game

1. WATER
2. DRINK
3. ICE
4. VAPOR
5. RIVER
6. LAKE

Crosswords Game

- | | |
|---------------|-------------|
| ACROSS | DOWN |
| 1. WASH | 2. SWIM |
| 3. ICE | 4. EEL |
| 5. LAKE | 6. PIPES |
| 7. FIXED | 8. STEAM |