

WATER TREK

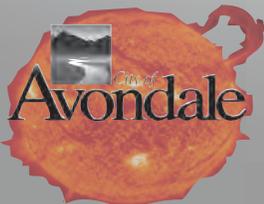
Captain Dirk, we are approaching Earth.

Affirmative, Lieutenant Solar. It's good to be home. Prepare for landing.

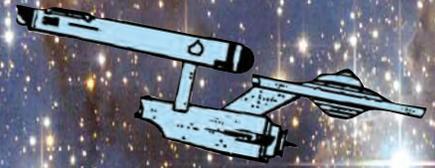
Commander Speck, what will you say in your report about our mission?

Captain, I believe the only logical conclusion is that Earth has the best water savers in the universe due to the limited supply of fresh water.

Our Mission: To seek out the best water savers in the universe!



This is the story of the Starship Waterwise. Their mission is to seek out the best water savers in the universe! On their journey through space, they passed many planets where water was being wasted. Can you help guide them though the maze visiting each planet on your way to Earth?



START



The trouble with Driplets is they used too much water when they took a bath.

The aliens on Zuba watered their yards in the middle of the day.



On the planet Linxa, they took very long showers.



The Moonians ran their dishwashers with just a few dishes.



The Greenlings always left their faucets running.

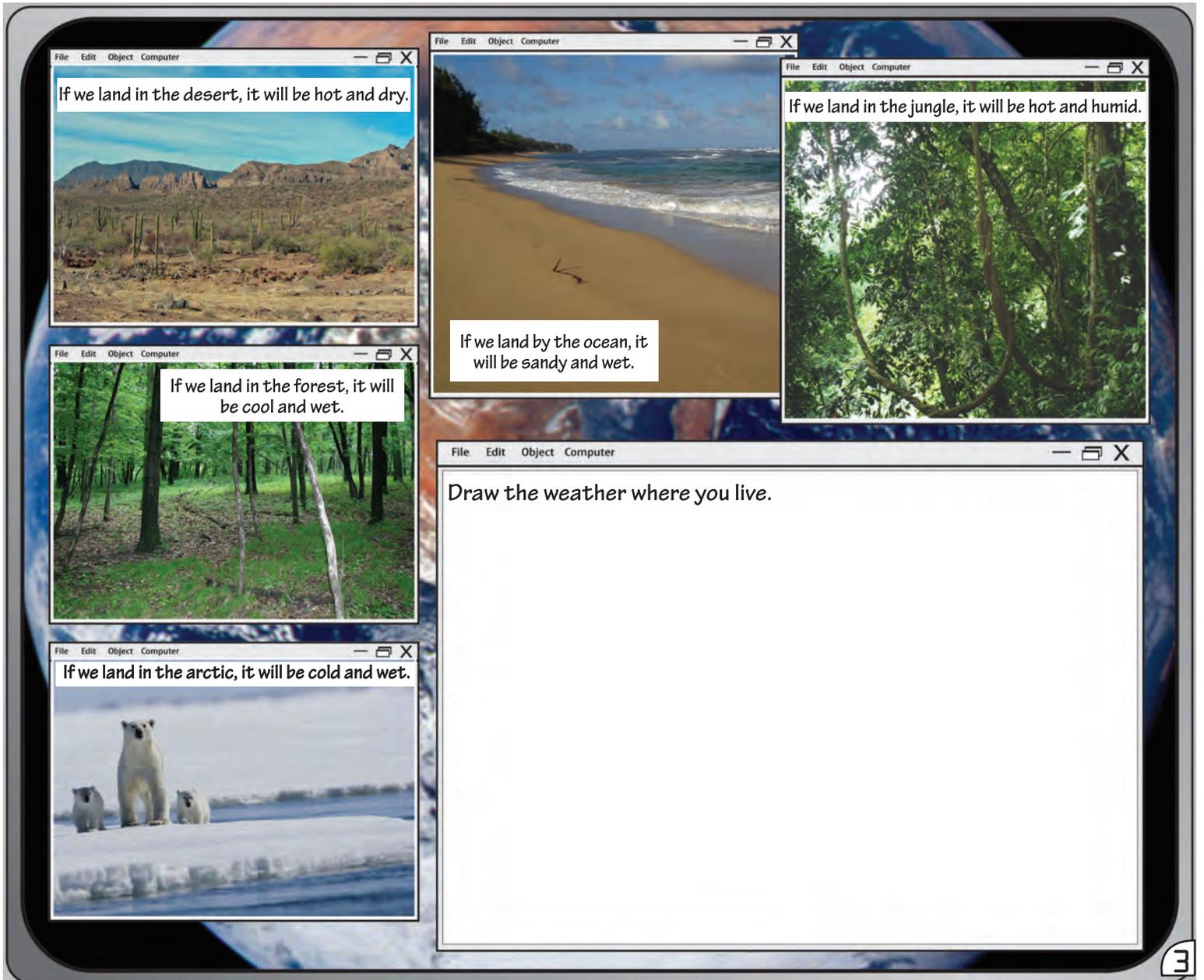
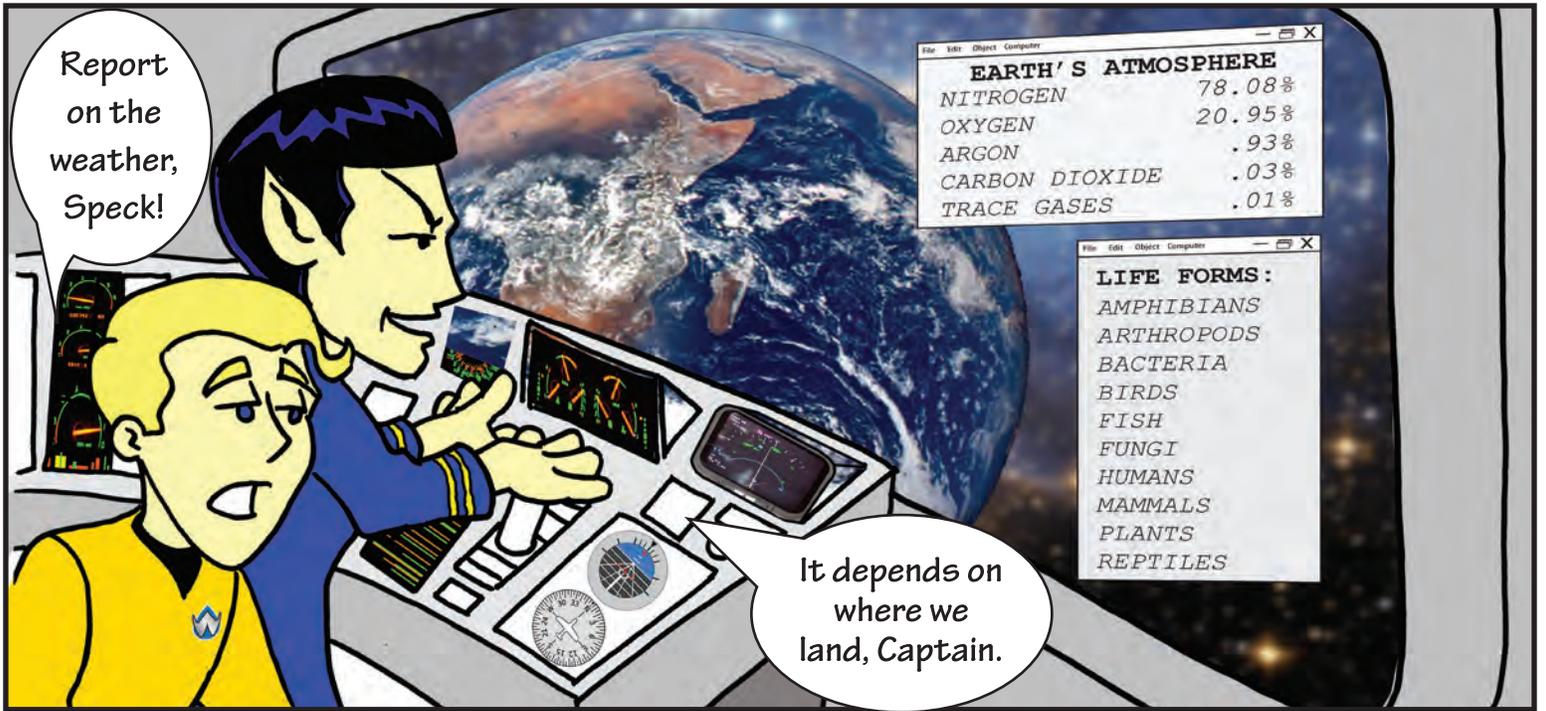


The Antonians ran their washing machines with just a few clothes.



On the planet Insecto, they brushed their teeth with the faucet running.

FINISH

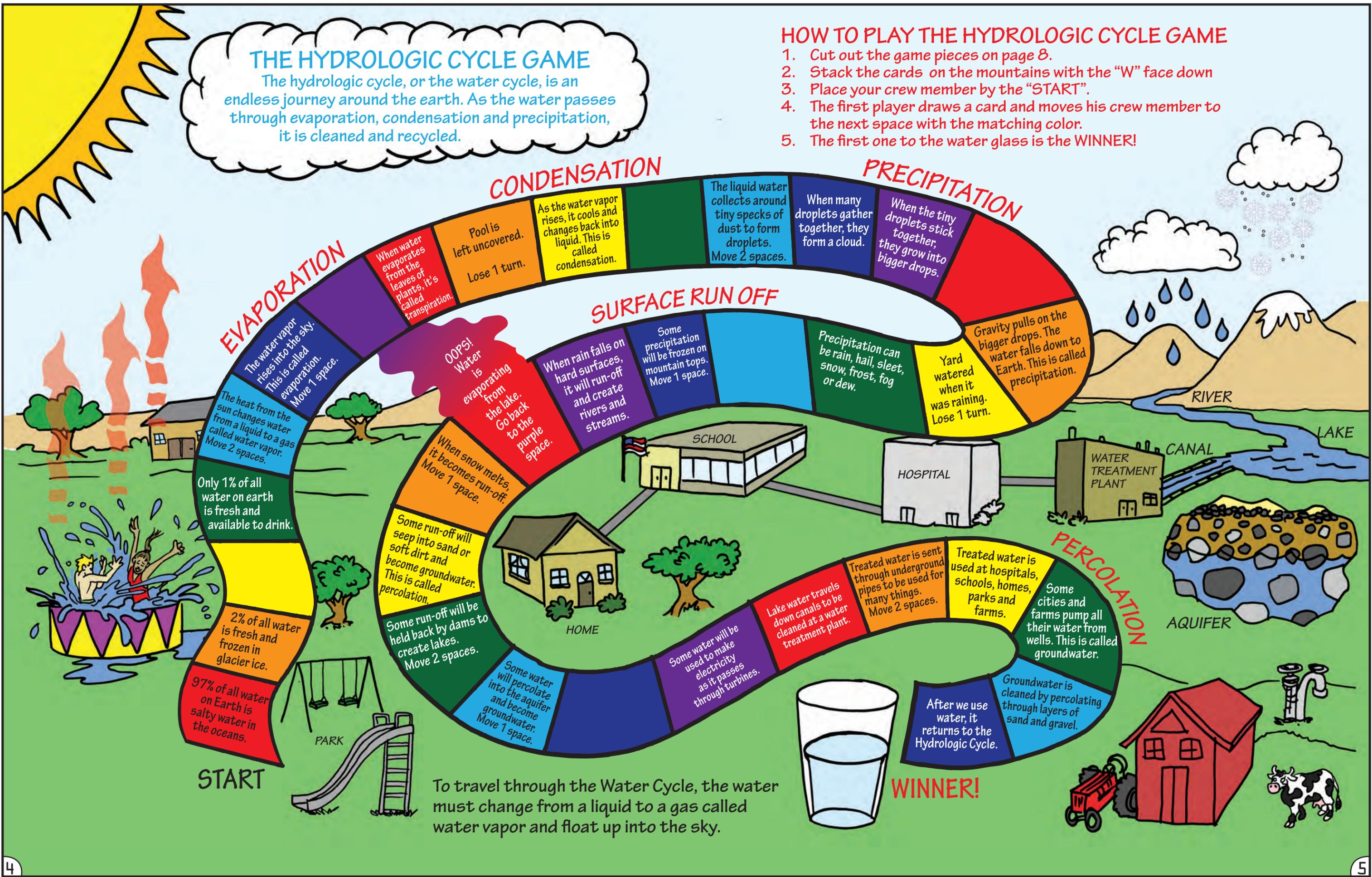


THE HYDROLOGIC CYCLE GAME

The hydrologic cycle, or the water cycle, is an endless journey around the earth. As the water passes through evaporation, condensation and precipitation, it is cleaned and recycled.

HOW TO PLAY THE HYDROLOGIC CYCLE GAME

1. Cut out the game pieces on page 8.
2. Stack the cards on the mountains with the "W" face down
3. Place your crew member by the "START".
4. The first player draws a card and moves his crew member to the next space with the matching color.
5. The first one to the water glass is the WINNER!



To travel through the Water Cycle, the water must change from a liquid to a gas called water vapor and float up into the sky.

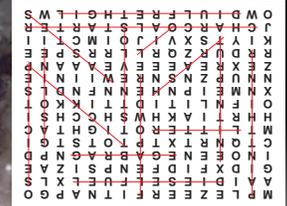
YUCK! The groundwater supply on Earth can be ruined by pollution.

Search and Find these items that can pollute our water:

**GASOLINE, TRASH, GARBAGE, PAINT THINNER, DIESEL FUEL, LITTER,
LIGHTER FLUID, CHARCOAL STARTER, FLEA POWDER, TICK DIP,
TURPENTINE, OIL, SOLVENTS, WASTES, PESTICIDES**



M P L E Z E E R F I T N A P G O
 A A I D I E S E L F U E L X L S
 G I D X F I D F E N P S I Z A E
 I N O E E N E G A B R A G N P D
 C T Q N R T X T P T O T S T G I
 M T L I T T E R O T I G H T A C
 H H R T I A K H W S H C C H S I
 O I F N L I T I D T T I K K O T
 X N M E I P N H E N N F N D L S
 N N U P Z N S N R E W I I N I E
 Z E X R E A E E E V E A A A N P
 R R D U R Z Q R L L R R S P E E
 K I Y T S X V I J O I M C T I I
 J C H A R C O A L S T A R T E R
 O W D I U L F R E T H G I L W S



Conserve Water and Prosper

Saving water can also save you money. Solve these problems to see how.

1. In the City of Avondale, Arizona, a family can receive a \$75.00 rebate if they change their old high-water-use toilet with a new low-flow toilet. If they replace two toilets, how much rebate would they receive? _____
2. In the City of Tempe, Arizona, using desert plants in your yard can save up to 40% of your outdoor water use. If your water bill was \$100.00, how much could you save? _____
3. In the City of Peoria, Arizona, most showerheads use about 2.5 gallons per minute. If you took a 10 minute shower, how many gallons would you use? If you took a 5 minute shower, how many gallons would you save? _____
4. In the City of Surprise, Arizona, shading an air conditioner can increase its efficiency by 10%. If the electric bill was \$422.16, how much can you save? _____
5. The City of Chandler, Arizona promotes new washing machines with Water Sense labels. This means they meet EPA standards and save water without sacrificing performance. If your new washing machine uses 16 gallons per wash and your old washing machine used 39 gallons, how many gallons per load will you save? _____

**These water saving ideas were scrambled during transmission.
Please help unscramble some of the Earth's best
water saving tips.**

1. We live in a [redacted] and get our water from surfacewater and groundwater.
rdeest
2. By filling the [redacted] half-full, I can save more than 20 gallons at a time.
bahuttb
3. Using low-flow [redacted] can save up to 5 gallons per flush.
letitso
4. Hang up bath towels to dry and reuse. Less [redacted] saves water.
drylaun
5. Use trash cans for bugs instead of [redacted] them down the toilet.
fuglshin
6. Wash the car with a bucket and a hose with a shut-off [redacted].
zzonle
7. Turn off water while [redacted] teeth or washing hands.
rungsibh
8. Using low-flow [redacted] can save water.
sadwehoerhs
9. Turn handles firmly to stop a leaky [redacted].
eafcut
10. Keep water in the [redacted] instead of running the faucet to get a cool drink.
eorgfrateir
11. Water the lawn early in the morning or after sunset to reduce [redacted].
eoratvapion
12. Aim [redacted] carefully to avoid watering the street.
srlekinprs
13. Report leaks at school to a [redacted] or a teacher.
cdiauston
14. Turn off the lights when not needed, it takes water to make [redacted].
eeitcltricy
15. Report leaks at home to an [redacted].
dulat
16. A [redacted] yard uses low water use plants and mulch.
xiscarpeed
17. Never drink water from a river or lake. Water must be [redacted] to kill germs.
teteard
18. Only run the [redacted] with full loads.
swadhshier
19. Water is very [redacted] to keep you healthy.
irtanmpot
20. Use a broom to clean the sidewalk instead of [redacted] from a hose.
wtaer

4 laundry	8 showerheads	12 sprinklers	16 xeriscaped	20 water
3 toilets	7 brushing	11 evaporation	15 adult	19 important
2 bathtub	6 nozzle	10 refrigerator	14 electricity	18 dishwasher
1 desert	5 flushing	9 faucet	13 custodian	17 treated



U.S.S. WATERWISE CREW MEMBER

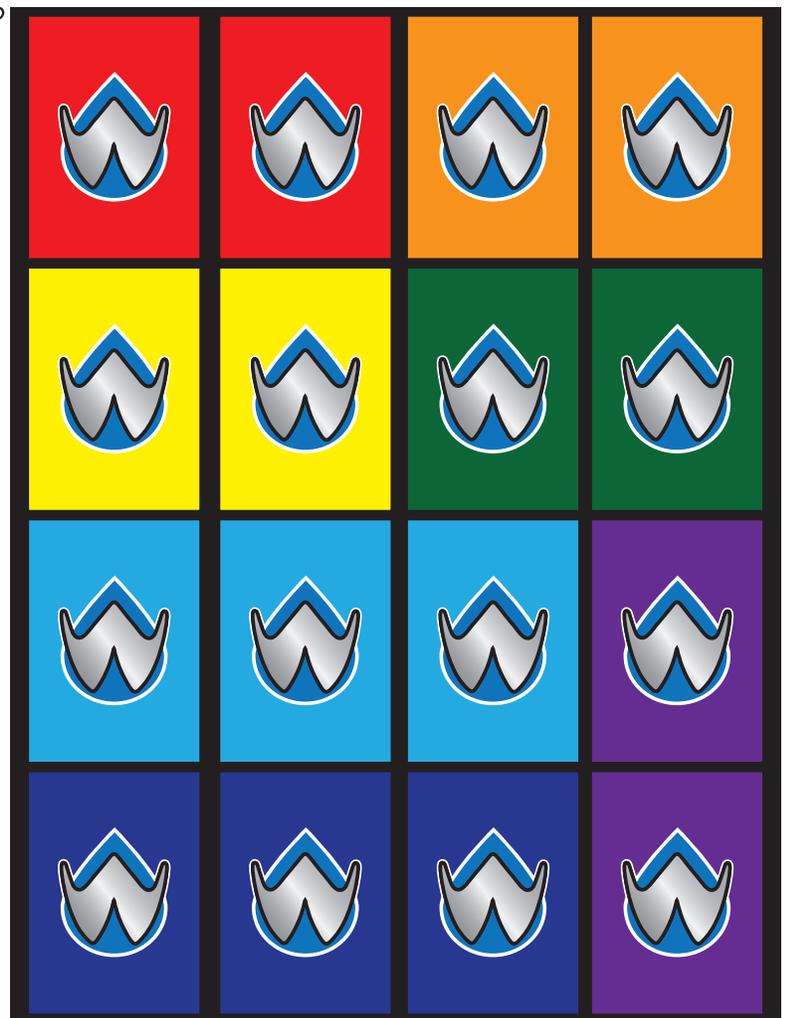
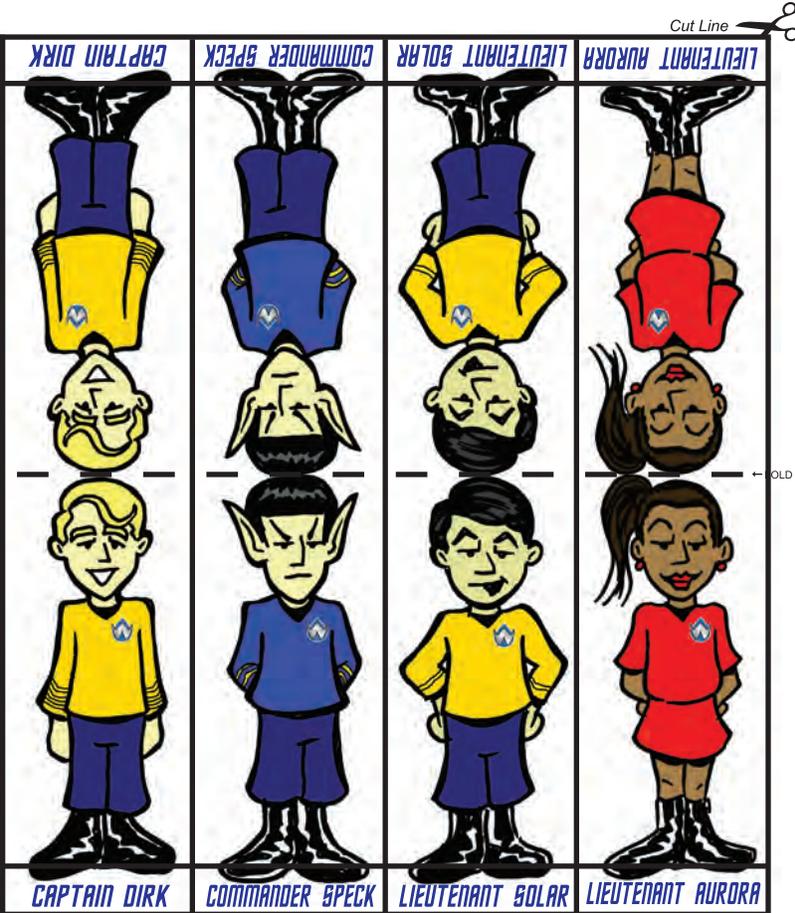


THIS IS TO CERTIFY

_____ IS A MEMBER OF THE U.S.S. WATERWISE CREW
AND WILL BOLDLY GO WHERE NO WATER SAVER HAS GONE BEFORE.

Capt. Dirk
CAPTAIN DIRK

_____ STARDATE



CUT ON THE SOLID BLACK LINES TO SEPARATE THE CREW MEMBERS OF THE STARSHIP WATERWISE. FOLD ON THE DOTTED LINES BY THEIR HEADS. CUT OUT THE CARDS AND YOU ARE READY TO PLAY THE HYDROLOGIC CYCLE GAME ON PAGE 4 AND 5.