Science

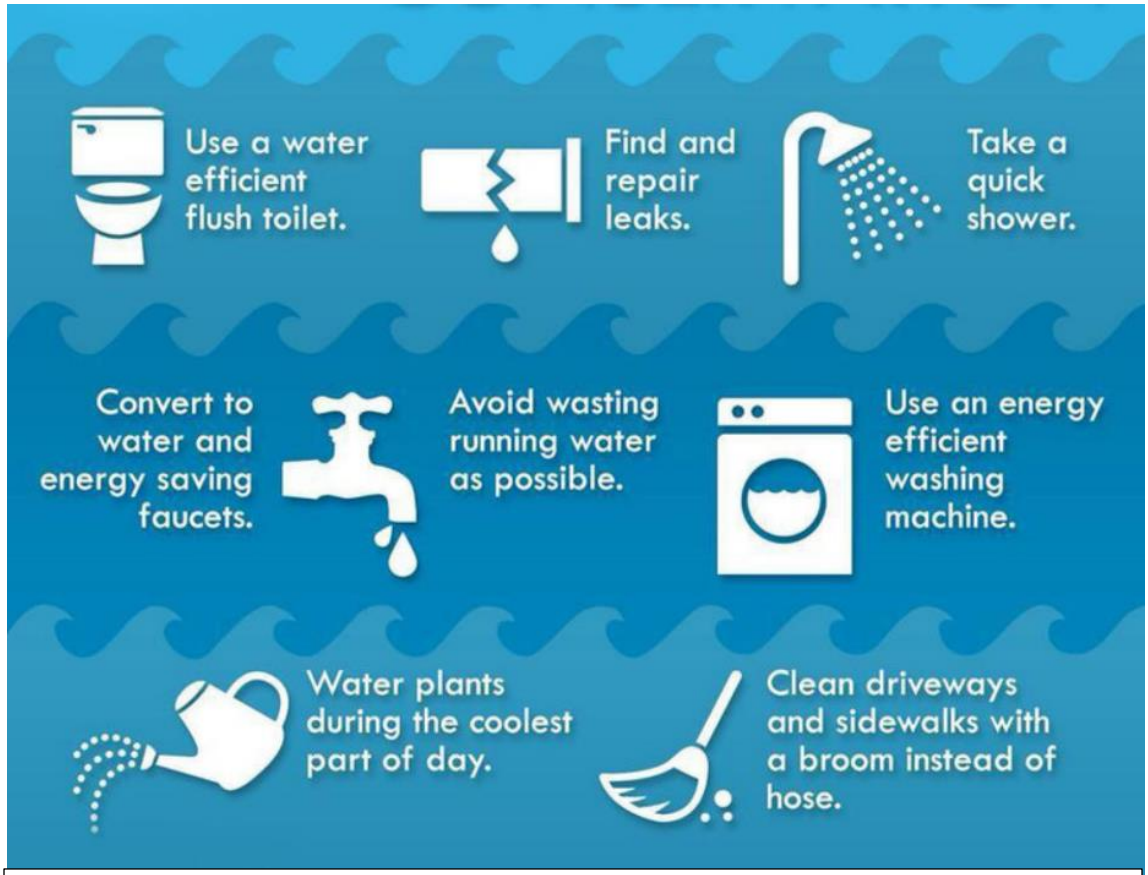
Level: Standard 2

Strand: Conservation and Sustainability

Topic: Water Conservation - Revision

Key Points:

- Water has many uses and comes from various sources
- Conserving water means using our water supply wisely and be responsible.
- Water conservation is important because:
    i. Water grows food
    ii. It protects our ecosystems and wildlife
    iii. Less water usage means more savings
    iv. Water supplies are already limited
    v. Conserving water also saves energy



Ways Water can be conserved at home

Activity: Complete the word search below**.**

Word Bank:

basin conserve dishwasher drain drink earth faucet fridge gallon hose
laundry leaks plants shower sink sprinkler tank toilet water

Water Conservation

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

Assessment:

1. Why do we need to conserve water?

   (a) It is an unlimited resource (b) It is a limited resource

   (c) There is lot stored as ice (d) There is enough from rainfall

2. What usually uses more water in the home?

   (a) Washing machine (b) Taking a shower

   (c) Brushing your teeth (d) Drinking water

3. When is the best time of day to water your lawn?

   (a) All day long (b) In the afternoon

   (c) Early morning or late evening (d) When water is available

4. As compare to hose for car washing, bucketing uses

   (a) less water (b) more water

   (c) same amount of water (d) no noticeable difference in the amount of water

5. What should you do if you see or hear a leaky tap in your house?

   (a) Ignore it—drips are no big deal

   (b) Do nothing—there is no way to fix a drippy tap

   (c) Tell your Parents/Guardian so that they can fix it

   (d) Use a basin/bucket to catch the leaking water

6. Water courses like river, can be kept clean, if we throw

   (a) empty soft drink cans, bottles, and snack wrappers in the trash can

   (b) empty cardboard boxes near a stream

   (c) old stoves and mattresses in ponds

   (d) pour waste oil in rivers

7. To prevent excess use of tap water, we can collect

(a) rainwater (b) stream water

(c) river water (d) sea water

8. Which of the following ways can reduce water pollution?

(a) Improper disposal of waste materials

(b) Litter wardens

(c) Dredge water courses: rivers, drains

(d) Reduce use of plastic bottles

9. Where on planet Earth is most of the available freshwater found?

(a) Oceans (b) Ice caps and glaciers

(c) Spring (d) Surface water

10. What are the three **R's** to water conservation?

(a) Reduce, Recycle, Reorganize

(b) Reduce, Reuse, Resupply

(c) Reduce, Resupply, Redistribute

(d) Reduce, Reuse, Recycle

Answer key:

Activity:

Water Conservation

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

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Assessment:

1. (b)
2. (a)
3. (c)
4. (a)
5. (c)
6. (a)
7. (a)
8. (d)
9. (b)
10. (d)

References:

- https://wordmint.com/public_puzzles/323881
- https://www.quora.com/What-are-your-best-ways-to-save-water