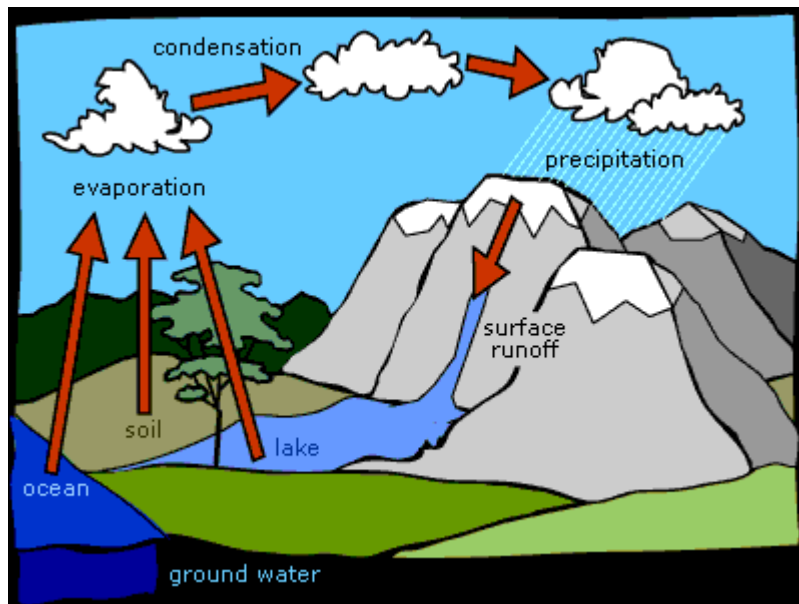


Water



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Water

God is Pure
God is Creator
God is Provider
God is Life

Note to teachers: For a Biblical aspect on this topic see the following sections of “Themes for Christian Studies”:

God is Pure Level 1: God makes us clean inside

God is Creator Level 2: Genesis 1

God is Provider Level 5: Exodus 15 – 17 Water from a rock and bitter water made sweet

God is Life Level 6: Jesus the living water

God is Life Level 7: God is the sustainer of life

Student work pages:

Water



All living things need water....the plants, the animals and us.
God created water to keep us alive.

People can only live for about 4 days without water.

Did you know that two-thirds of your body is made of water?
Think about where the water might be inside your body.

Water gives life. But Jesus said that there is a special kind of living water
that only He can give. The living water that Jesus gives is the Holy Spirit.
You can read about it in John 4:5-30 and John 7:37 – 39.



The Water Cycle

Heat from the **sun** causes water to evaporate from the **sea**.

The **water vapour** rises and it becomes a **cloud**.

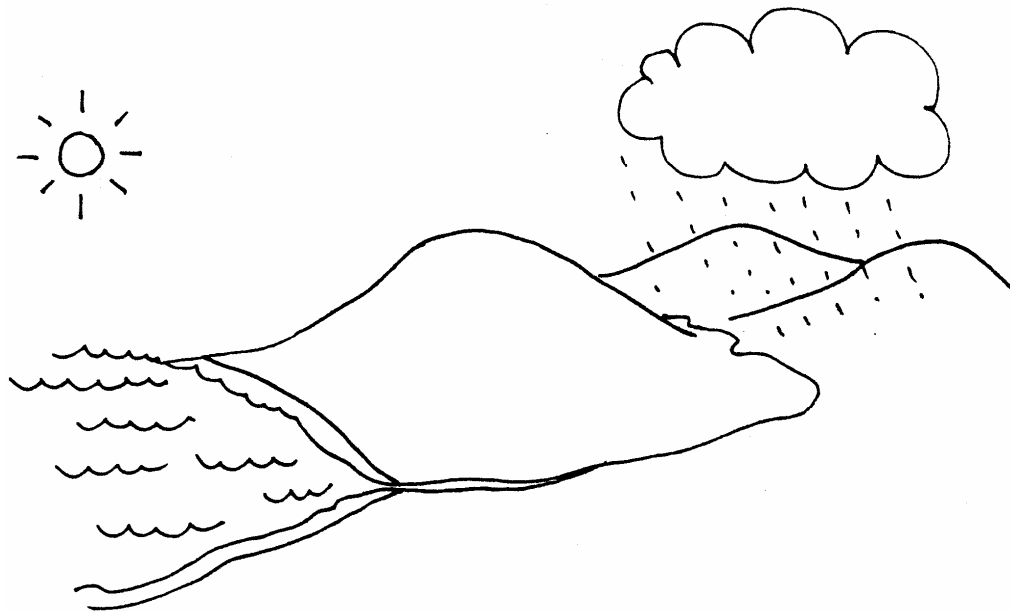
The water vapour changes to tiny water droplets when it is cooled.

These tiny droplets change to bigger droplets and it starts to **rain**.

The water goes into rivers and goes to the sea.

The water cycle starts over again.

Use the words above in **BOLD** to label the diagram. Draw arrows to show how the water goes around.



Water for life and health

List six ways we need to use water to keep healthy. (Write in your workbook or on a sheet of paper.)

What happens to dirty water?

We use a lot of water keeping ourselves and our homes clean. BUT where does that dirty water go?

All of our household wastes (dirty water) wash away through underground pipes called sewage pipes. The pipes go to sewage farms where the dirty water is treated with chemicals and made safe to use again. If the sewage or dirty water is not treated properly it can be very dangerous and unhealthy.

In the old days, sewage or dirty water ran down open drains in the streets and into town water and rivers. Many people got sick and died because of the germs.

Today the pipes are underground and do not go near our water. After the sewage has been treated, some water can be used for the garden, (but not for drinking!)

Write the heading “**SEWAGE**” and answer the following questions in full sentences:

1. Where does all the dirty water from our homes go to?
2. What happens to the sewage once it gets there?
3. Why is this important?
4. What happened to the sewage in the old days?
5. What was wrong with this? What happened to the people in the old days and why?
6. Can we use sewage again after it is treated? What is it used for?

Water

Are you a good detective?

Add the correct vowels to complete this poem. It has to rhyme.

Clues: There are three As, one E, one I, three Os and one U.

SPL__SH, SPL__SH, SPL__SH,

Y__ __ H__V__ T__ W__SH!



Search for the words

Find the following words in the grid below:

Chemicals

Dishes

Hair

Pipes

Soap

Clean

Drains

Hands

Sewage

Teeth

Clothes

Germs

Healthy

Sick

Wash

Water

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

Dishes, dishes, dishes

Dishes, dishes, dishes,
 Doing them is really against my wishes,
 But if we let them build up high,
 Nearly to reach the sky,
 All the germs would think it was a good trick
 And we would soon get very sick.

Dishes, dishes, dishes,
 Doing them is a pain.
 They keep coming round and round again.
 But I'll help Mum
 Because she doesn't have much fun
 When she's the only one
 Doing dishes, dishes, dishes



Now try writing your own poem about:

1. dishes
2. showering
3. washing
4. water

Try to tell us something you think is important.

Draw a picture

Write the heading “**Where Sewage Goes**”

Then draw a picture to show what happens when it leaves the home.

Keeping clean

Make a poster about the importance of keeping clean and the ways we need to keep clean. This poster is to teach young children about keeping clean.



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Science experiments with water

Floating and sinking

Float an egg in salty water. The egg does not float in pure water but will float in salty water. Why?

Float and sink different objects. Test which ones float and which ones sink. Make a list.

Rainbow water

Fill lots of jars with water and put a drop of different coloured food colouring in each jar. Screw lids on and put them on a window sill in the sun. The sun will shine through the water and make patterns on the walls.

Making water drops

Put a drop of water in the end of your finger and gently bring your thumb up against it. Slowly pull your finger away.

Make water drops using an eye dropper or a straw.

What happens to drops on different surfaces?

Melting ice cubes

Put sugar on top of one ice cube.

Put salt on top of another ice-cube.

Put crushed charcoal on another.

Leave in a sunny place. Which ones melt first? (Sugar and salt act as insulation while the crushed charcoal draws heat into itself.)

Water picture (Marbling)

Take a large tub. Mix powder paint with cooking oil and pour on water.

Stir colours with a pencil. Wait until paint has 'sunk' a little bit. Now

place a sheet of paper on top of the water surface and you will get a colourful print.

Purifying water

Use test tubes.

Collect a sample of polluted water. Boil and catch evaporation. The evaporated water is pure.

Condensation

Boil a large pan of water and hold a plate over it. The steam will turn into droplets.

Observe what happens when:

- You breathe on to a mirror
- You bring a glass of cold water from the fridge into a warm room