

Where in the world?

#FollowTheFlipFlop



Lesson Plan 4: South Africa

Objectives

- To give children an understanding of identity and a sense of their place in the world
- To give children an understanding about life in South Africa
- To widen their knowledge about South Africa and the continent of Africa
- To increase empathy and solidarity between children across the world



Where in the world?

Lesson Plan 4: South Africa

Overall Objectives

- To give children an understanding of identity and a sense of their place in the world
- To give children an understanding about South Africa
- To encourage the development of caring attitudes and responsible behaviour towards the environment, and involvement in the identification, discussion, resolution and avoidance of environmental problems
- To understand some of the natural, social or economic processes which create, sustain or change environments
- To learn that the sharing, responsible use and conservation of the Earth's natural and human resources are necessary for the continued existence of life
- To increase empathy and solidarity between children across the world

Materials Needed

- Templates and Factsheets available in appendices
- World Map (appendices)
- Crayons / Colouring pencils
- Paper
- Pencils
- Video (found on serve.ie)
- Camera / phone to photograph and record your completed actions!

Where in the world?

Lesson Plan 4: South Africa

Activity 1 - Where in the World? - Water in the World

Rustenburg, South Africa

Time Required: 20 - 30 minutes

Objectives

- To encourage the development of caring attitudes and responsible behaviour towards the environment, and involvement in the identification, discussion, resolution and avoidance of environmental problems
- To understand some of the natural, social or economic processes which create, sustain or change environments
- To learn that the sharing, responsible use and conservation of the Earth's natural and human resources are necessary for the continued existence of life
- To encourage learning around interdependence, solidarity and respect

Area of curriculum supported by Activity 1:

- Develop some awareness of the distinctive human and natural features of some places in Ireland and other parts of the world
- Come to appreciate the need to conserve the Earth's resources.

Materials Needed:

- Water in Africa FactSheet (See Appendices)
- What Does Water Mean to You? Sheet (See Appendices)
- My Home Water Use Log (See Appendices)
- How Water can be Conserved Sheet (See Appendices)
- A4 Paper

Steps

1. Invite your student (s) to read the '**Water in Africa**' Fact Sheet.
2. Ask them if anything surprised them or if they have any questions
3. Invite them to complete the '**What Does Water Mean to You?**' sheet (or create your own by recycling old paper)
4. Ask the student to showcase their water droplet and discuss what water means to them. How do they think their needs / reliance on water compares to children in other parts of the world (countries visited in the #FollowTheFlipFlop series for example)
5. Complete the '**My Home Water Use Log**' with your student and ask them how they feel we can conserve water. This will improve children's understanding on the importance of water and how it can easily be conserved at home.
6. Read through the '**How Water Can be Conserved**' sheet and ask the student (s) if they can think of any other ways in which they can conserve water in their homes.

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Activity 2 - Where in the World will you #FollowTheFlipFlop? Rustenburg, South Africa

Time Required: 15 - 20 minutes

Objectives

- To give children an understanding of other cultures
- Develop a sense of global citizenship and solidarity

Area of curriculum supported by Activity 2:

- People and other lands - how people help each other and depend on one another,
- interdependence of people in locality,
- Ireland and other countries
- An environment in a non-EU country- Study some aspects of the environments and lives of people in one location in another part of the world:
 - Location of these areas peoples and communities that live there
 - language(s)
 - myths and stories,
 - art and culture
 - clothes
 - play and pastimes
 - features of the natural environment
 - interrelationships of the lives of people and these features settlements:
 - homes and other buildings
 - common building materials and features
 - foods and farming
 - work and work-places
 - similarities to and contrasts with Ireland
- Develop an awareness of the interdependence of these people and people in Ireland
- Begin to develop a sense of belonging to local, county, national, European and global communities.

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Activity 2 - Where in the World will you #FollowTheFlipFlop?

Rustenburg, South Africa

Materials Needed:

- World Map (See Appendices)
- South Africa Fact Sheet (See Appendices)
- #FollowTheFlipFlop Video (see serve.ie)
- #FollowTheFlipFlop Answer Sheet (see Appendices)

Steps:

1. Invite student to point out South Africa on the world map (see Appendices)
2. Ask them what they know about South Africa
3. Show them the South Africa Fact Sheet (read it to them depending on age / ability) and ask them if anything surprised them or if there is anything they don't understand
4. Show video of Mr. Flip-Flop visiting Rustenburg, South Africa and ask them to complete the question sheet (or simply ask them the questions yourself once the video has ended!) (see Appendices)

Finally, you can decide to do one, two..or all of these activities!:

From what the students have learned about South Africa;

- Design a '**Solidarity Symbol of Friendship**' for Ireland and South Africa using a blank A4 sheet and some nice colours and pictures!

or

- Design a poster sharing a message of unity from Ireland across the continent of Africa to South Africa

or

- Learn about African Elephants and Create your own Milk Bottle Elephant Toy by recycling an old plastic milk carton (See Appendices for guidelines)

or

- Go on a 6k Water Walk with your family in solidarity with the women and children in rural Africa who must walk on average 6k every time they need to collect water.

Please email any photos or videos to siobhan@serve.ie as we would love to share your beautiful creations!

If uploading to social media, please tag SERVE and use the #FollowTheFlipFlop hashtag so that we can follow your exciting actions!



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Appendices

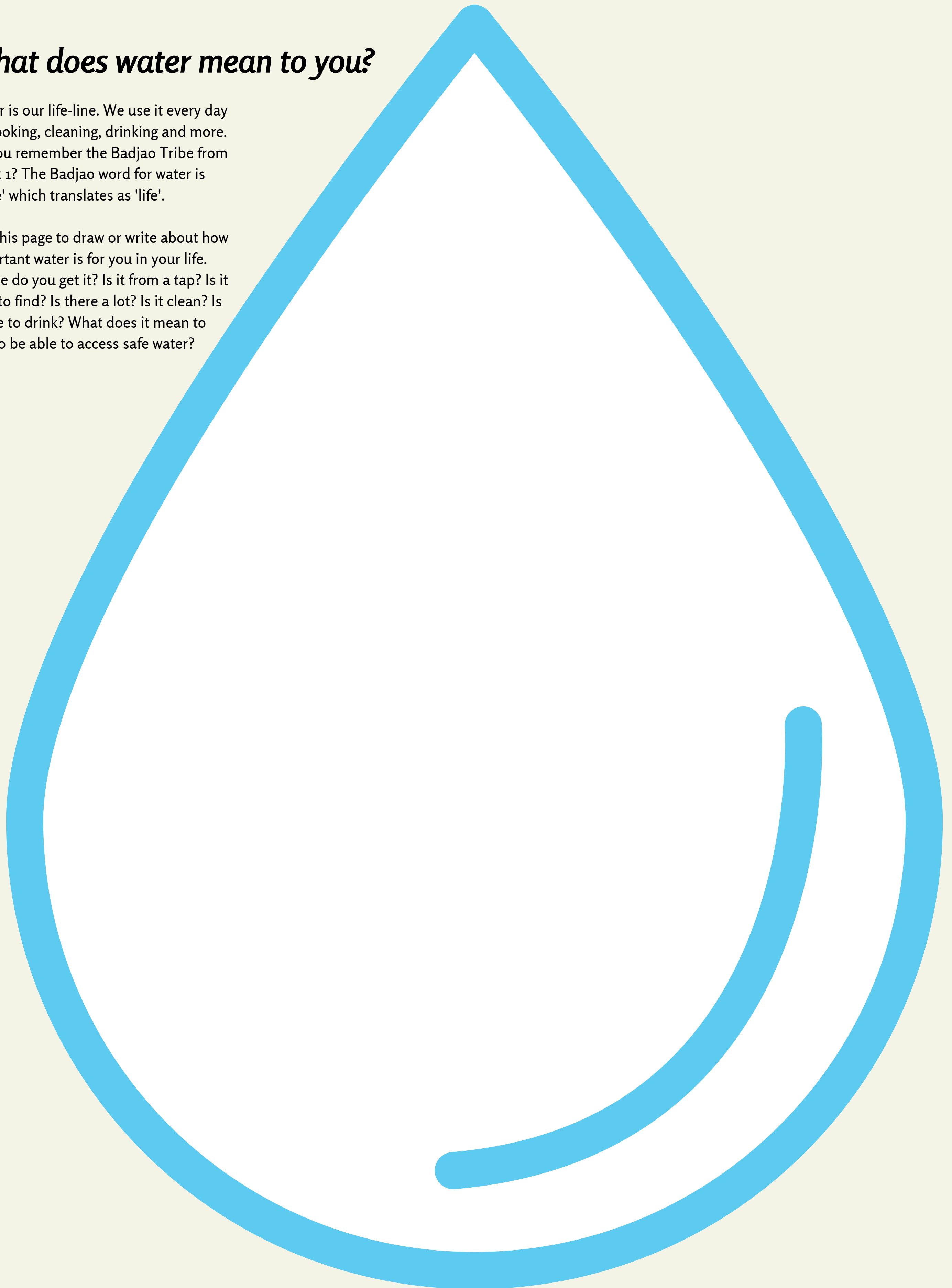
Activity 1

Lesson Plan 4: South Africa

What does water mean to you?

Water is our life-line. We use it every day for cooking, cleaning, drinking and more. Do you remember the Badjao Tribe from Week 1? The Badjao word for water is 'bohe' which translates as 'life'.

Use this page to draw or write about how important water is for you in your life. Where do you get it? Is it from a tap? Is it easy to find? Is there a lot? Is it clean? Is it safe to drink? What does it mean to you to be able to access safe water?



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Activity 1

Lesson Plan 4: South Africa

Water in Africa

- Did you know? The average distance that women and children walk to collect water in some parts of Africa is **6 kilometres**.
- This water collected is used in their everyday cooking, drinking, washing and cleaning
- The water is often contaminated with life-threatening diseases - but often they have no other choice.
- Often they travel barefoot or in rubber sandals / flip-flops to collect water from polluted rivers and ponds.
- It is usually collected in a 20 litre plastic bucket and carried back to their homes.
- But would that 20-litre bucket be enough water for your family to drink, cook, bathe, and wash for a day? I don't think so! Fifteen litres a day is considered a bare minimum water supply for **only one person**.
- This means that they often have to travel more than once a day to collect water.
- What do you think this means for people living in rural parts of African countries, or in shanty towns who need to travel for water during the Coronavirus Pandemic?
- In shanty towns, **if** there is access to a water tap, one tap may be the supply for thousands of people living in the settlement.



Take a Solidarity Walk!

Walk 6k (3k + 3k during current restrictions) in solidarity with women and children who walk on average 6k to collect water. Share pictures with us of your solidarity walk!

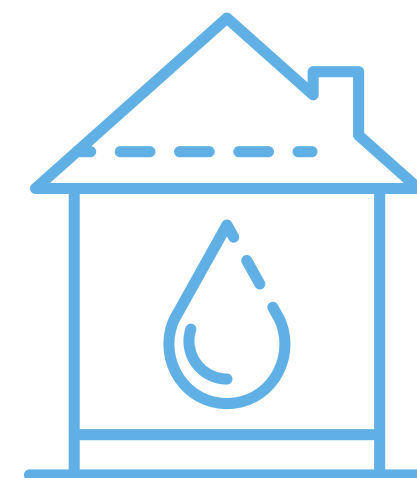
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Activity 1

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My Home Water Use Log



1. Review the information about typical water consumption per activity as shown in Columns 1 and 2.
2. Track your activities throughout the day (over the course of 3 days) by making tally marks in Column 3 of the table.
3. At the end of your 3-day period, add up your score.

Column 1: Use	Column 2: Average, Daily Water Use In litres per day	Column 3: My Daily Use (If you don't do dishes or wash clothes, indicate if someone else did, and include the total in this column.)			
		Day 1	Day 2	Day 3	Total for 3 days
Drinking and cooking	7.5				
Flushing toilets	22				
Taking a shower	56				
Taking a bath	90				
Washing dishes by hand	90				
Washing dishes by dishwasher (one load)	60.5				
Washing clothes (one machine load)	227				
Watering lawn and garden or washing car 38 (per minute)					
DAILY TOTALS Add up each day here.					

My total water usage was: _____

My average water usage was: _____

Source; wateraid.org

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Activity 1

Lesson Plan 4: South Africa

How can I conserve water?

- Take speedy showers!
- Reuse your towel
- Turn off the tap while brushing your teeth
- Be a leak detective and help to fix a leaking tap! One drip every second could waste up to 18 litres of water per day!
- Turn off the tap while rubbing soap onto your hands, turn it on again to rinse!
- Only use the washing machine when you have a full load. You are wasting water if you only put on a small wash
- Make sure the dishwasher is full if you are using one. Otherwise you will waste water. If you only have a few things to wash, wash them by hand using a basin.
- Reuse your cup for water. Don't throw left over water away - you can use it to water your plants!
- If you have pet fish, don't throw away the water when cleaning out their tank. Give the nutrient rich water to non-edible plants you may have growing in your garden!
- What other ways do you think you can conserve water to make sure it is not wasted?

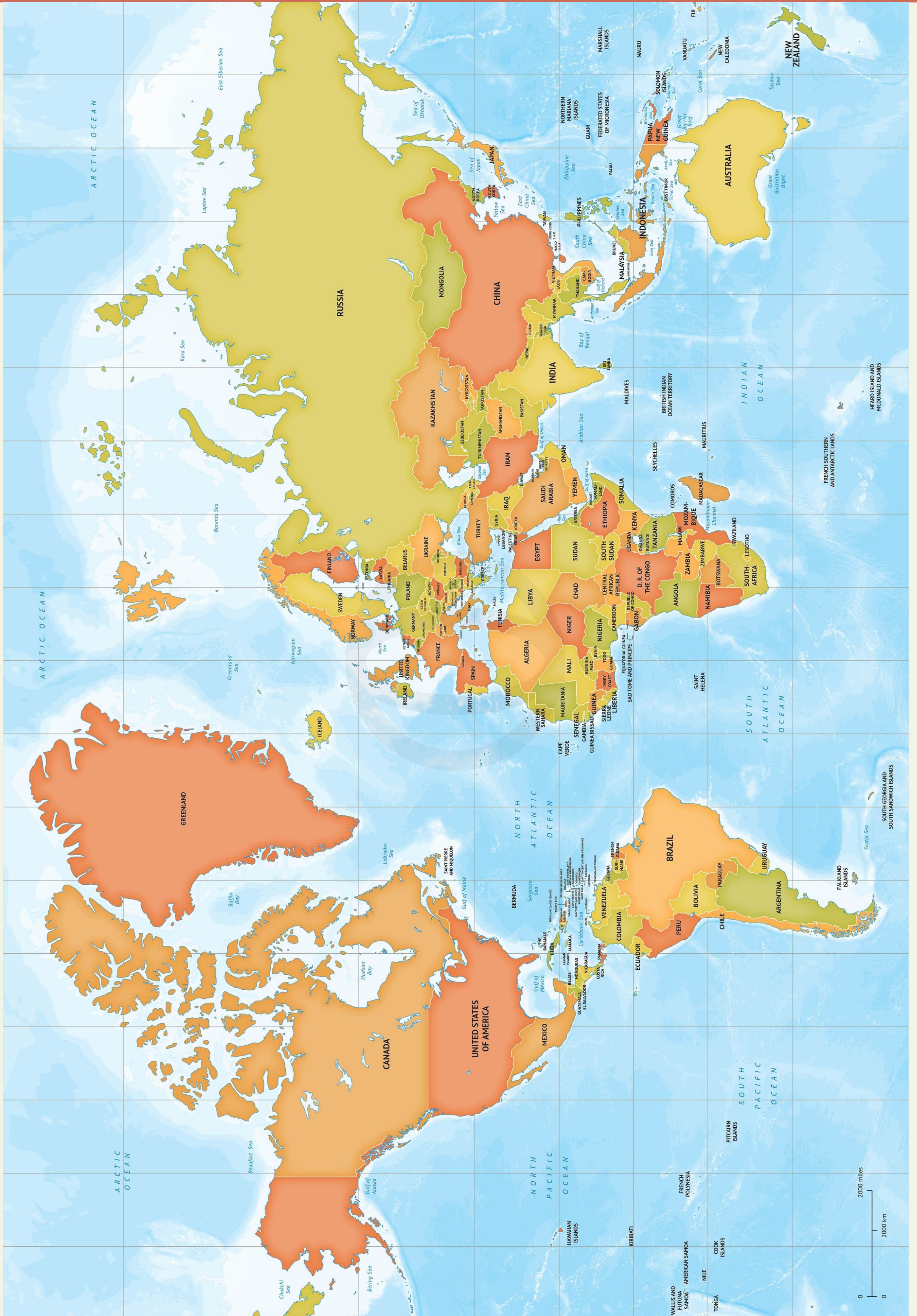


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World Map



Where in the world?

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Activity 2

Lesson Plan 4: South Africa

South Africa Fact Sheet - Did You Know?

- The longest river in South Africa is the **Orange River** which forms also part of the border between Namibia from South Africa.
- In South Africa, the **Atlantic Ocean** and the **Indian Ocean** meet off the Southern Cape coast.
- Did you know, that the **Tugela Falls** in South Africa are the second-highest waterfalls in the world?
- South Africa is often called the '**Rainbow Nation**', because there are so many different languages are spoken and different cultural traditions are lived.
- South Africa is often called '**The Cradle of Humankind**', because archaeological artefacts, tools and human remains proof that people lived in the area more than 100,000 years ago.
- The biggest South African population group, the **Zulu**, mainly live in rural settlements in KwaZulu-Natal, they even have a king!
- South Africa is not only home to the world's fastest mammal (cheetah), but also the largest fish (whaleshark), the largest bird (ostrich) and the largest reptile, which is the leatherback turtle.

Source: natgeokids.com



South Africa (highlighted in orange)



OFFICIAL NAME: South Africa

WORLD REGION: Africa

FORM OF GOVERNMENT: Presidential Republic

CAPITAL: Pretoria

POPULATION: 58 million people

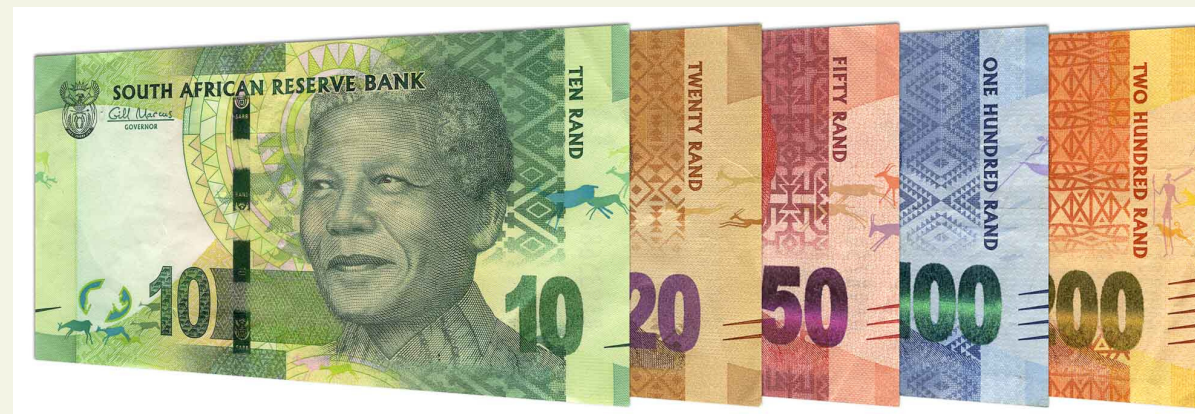
OFFICIAL LANGUAGES: 11 official languages: isiZulu, Afrikaans, English, isiXhosa, siSwati, Sesotho, Xitsonga, Sepedi, isiNdebele, Setswana, Tshivenda

CURRENCY: South African Rand

AREA: 1,219,089 square kilometres

DID YOU KNOW?

It might sound strange, but did you know South Africa has another country within its borders? Nestled in the Drakensberg is the mountainous kingdom of Lesotho. Much of South Africa's water comes from the snow-capped peaks of this tiny, landlocked nation. Also known as the "Kingdom of the Sky", Lesotho is the only country in the world to lie entirely over 1,000m above sea level.



South African Rand

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Follow the Flip Flop: Rustenburg, South Africa

Name _____

Class _____

Where is South Africa located? _____

How many kilometres is South Africa from Ireland? _____

What province is Rustenburg in? _____

What is a squatter camp / informal settlement? _____

Why have people travelled from all across Southern Africa to live in these camps? _____

What do you think the living conditions are like in a squatter camp? _____

Why is it important to have access to clean water? _____

What do you think water is used for in the squatter camps in South Africa? If you were to complete a Water Use Log for a home in the squatter camp, how do you think it would compare to your one from Activity 1? (Do you think they have dish washers / washing machines etc.) _____

What are the names of SERVE's partners in South Africa? _____ and _____

What do they do to support the people living in the squatter camps near Rustenburg? _____

Why do you think it is important to train young people in practical skills? _____

Can you remember the name of SERVE's partner in Mozambique who also train youth in practical skills? _____

How far is it from Mozambique to South Africa? _____

Can you name another African country where SERVE works? _____

When did SERVE start working in South Africa? _____

What act of solidarity will you take to send a positive message to the children living in the squatter camps near Rustenburg, South Africa?



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Activity 2

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Make a milk bottle Elephant Toy!

We have seen the wonderful toys made by the children in Nkaneng Squatter Camp near Rustenburg, South Africa in the #FollowTheFlipFlop video. These toys are crafted by children out of wire and bits of plastic they find in the camps. Why not make your own toy out of an empty milk carton, and design a beautiful African Elephant today!

Weighing up to **6000 kg (6.6 tonnes)** and measuring up to 3.3 m (10 ft.) at the shoulder, the African elephant is the world's largest land mammal. It is characterized by its highly dexterous trunk, long curved tusks, and massive ears.

Make your own African Elephant by recycling an old milk bottle!

You will need:

- Milk bottle
- Marker pen
- Paint
- Craft accessories e.g. Goggley eyes / sequins / pom-poms / glitter
- Scissors

Instructions

1. Draw lines on the milk bottle as guides for you to cut.
2. Draw one line around the whole bottle slightly higher from the bottom of the handle.
3. Draw an arch from this line on each side of the bottle - this will form the legs.
4. Next, cut the lines (with the help of an adult!) that you have drawn to create the elephant shape and get rid of the bottom half of the milk bottle.
5. Paint the milk bottle.
6. Add the decorations! This is the really fun bit, you can add whatever you like - be creative!!!



Source: Doodle and Stitch