



Bringing Global Citizenship to Life

Ages 10-13

Lesson Plan 1: Introduction to Water

Goal:

To create an inquiring classroom applicable to all areas of the curriculum

Learning Objective:

To learn about the importance of water, and reflect upon how water is used and consumed

Students Will:

Be given an opportunity to express their opinion, and hear the response of their peers

See that their ideas have value and other will have different ideas which are also of value

Develop listening, reasoning and critical thinking skills

Develop debating skills by learning to think before they speak, and give reasons for what they say

To Do:

Activity A: The Water Well

- Divide Students into small groups, and distribute Worksheet 1
- Invite Pupils to think about everything that water is used for. The students should list all the uses on the well (see Teacher Notes for prompts)
- Invite students to share their uses back to the class. The teacher should list all of these on the board
- Looking at the list on the board, invite students to identify which uses are essential for **our needs**, and which are more of **a want** (e.g. we need water to drink, but flavoured bottled water is more of a want; we need water to grow food but having a water fountain in our city is more of a want). Ensure students elaborate upon and discuss their responses

Teacher Notes



Some Water Use Prompts if Required

Drinking	Washing Ourselves	Blowing Bubbles	Water Sports	Making Tea and Coffee
Toilets	Growing Cotton	Fountains	Washing Clothes and Utensils	Bottled Water
Brushing our Teeth	Washing Cars	Growing Food	Swimming Pools	Putting out Fires
Hosing our Gardens	Shaving	Cooking	Baptising People	Water Beds

Activity B: Water Quiz

- Divide students into small groups, and explain that a multiple choice quiz will take place (see Worksheet 2)
- Invite them to pick a team name for their group
- Call out each of the questions, and each student team should write their answers on a sheet of paper
- A prize can be given to the winning team

Activity C: Agree or Disagree

- Explain to the students that you will call out a number of statements that you want them to respond to (see Worksheet 3)
- If they agree, with your statement they should give a **Thumbs Up** 
- If they disagree, they should give a **Thumbs Down** 
- If they are not sure or undecided, they can give a **Time Out** sign 
- Students are then asked to explain their decision, and they can move their position if they change their minds when they hear other opinions

Teacher Notes



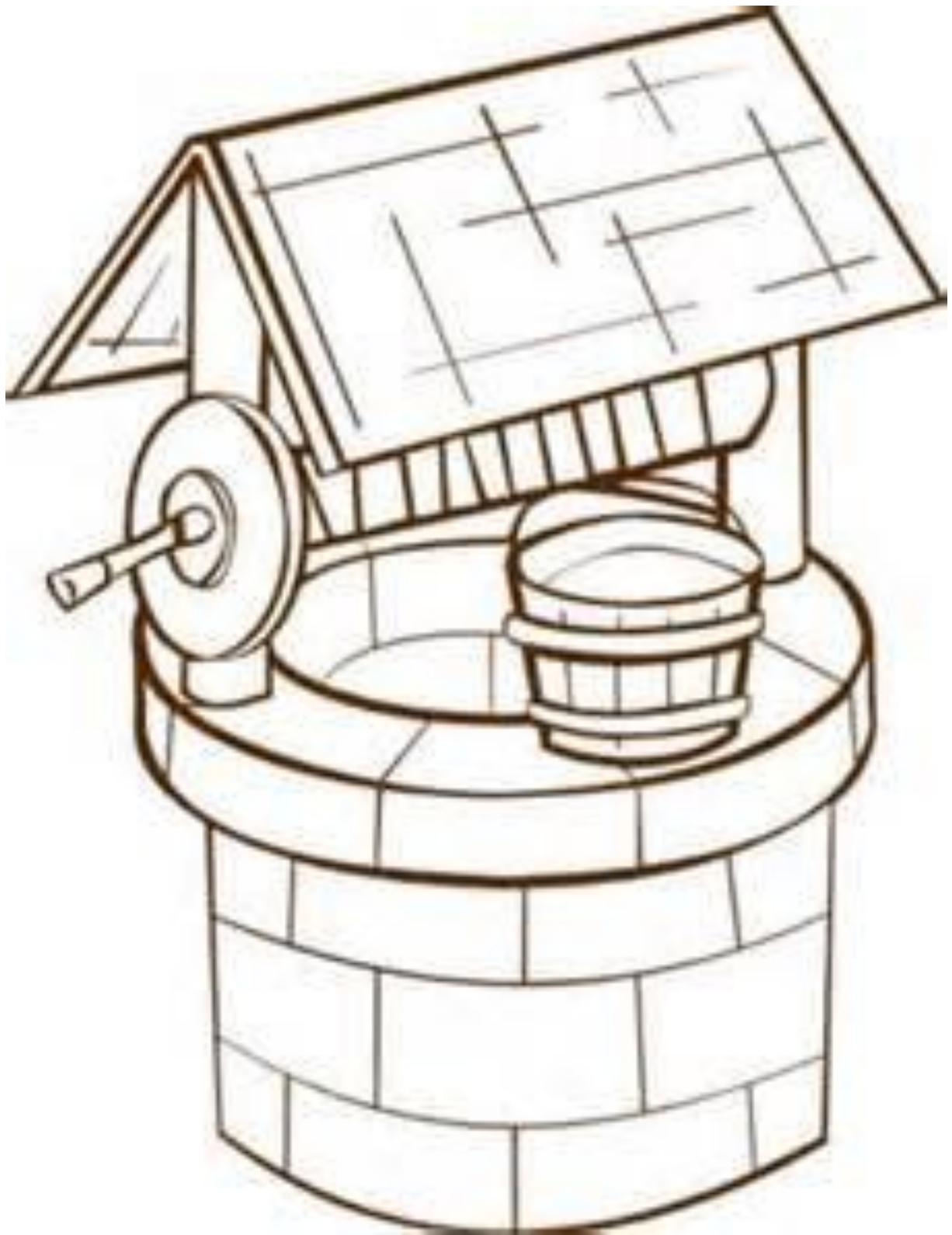
Tell me why you feel /think like that?

Has anyone changed their mind after hearing other opinions?

Can you give me an example of why you agree or disagree?

What would make you change your mind?

How can we find out more about the issue to help us think more about our opinions?



WORKSHEET 2

Water Quiz

(Answers sourced from <http://water.org/> www.wateraid.org www.worldwildlife.org www.waterwise.org.uk)

1. How much of our body is made up of water?

- (a) 10%
- (b) 18%
- (c) 70%**

2. How many people in the world are without access to clean water?

- (a) 5 out of every 10 people
- (b) 1 out of every 10 people**
- (c) 7 out of every 10 people

3. How many people in the world lack access to a toilet?

- (a) 2 out of every 6 people**
- (b) 4 out of every 6 people
- (c) 1 out of every 6 people

4. How many schools in the world lack access to clean water?

- (a) $\frac{1}{2}$ of all schools
- (b) $\frac{1}{4}$ of all schools
- (c) $\frac{1}{3}$ of all schools**

5. Tanzania is the largest country in East Africa with 52 million people living there. How many of these people do not have access to clean water?

- (a) 14 million people** (this is more than the amount of people that would live in 2 Irelands)
- (b) 30 million people (this is more than the amount of people that would live in 4 Irelands)
- (d) 20 million people (this is more than the amount of people that would live in 3 Irelands)

6. How much water is used in one load of washing?

- (a) 70 gallons (a full bathtub)
- (b) 35 gallons (a half full bathtub)
- (c) 40 gallons (just over a half full bathtub)**

7. How much water does it take to make a t-shirt?

- (a) 2,700 litres (almost 34 bathtubs)**
- (b) 1,000 litres (almost 13 bathtubs)
- (c) 6,000 litres (almost 75 bathtubs)

8. How much of the earth's surface is covered in water?

- (a) 30%
- (b) 70%**
- (c) 50%

9. How much water can a giraffe drink in one go?

- (a) 12 gallons (96 pints)**
- (b) 8 gallons (64 pints)
- (c) 20 gallons (160 pints)

WORKSHEET 3

Agree or Disagree Statements

- Water should be free for everyone
- Big businesses should not be selling bottled water
- There should be public water fountains throughout our towns and cities for people to drink from
- Instead of using tap water, people should collect rainwater to water their plants
- It is not fair that many people in the world do not have clean drinking water
- People should turn off the water tap when brushing their teeth