



## Lesson Plan **EXTREME ENVIRONMENTS**

Time Allocation

60 mins



Age Range

10-14

*“Exploring is the driving force behind humankind.”* Kate Leeming

### Learning Outcomes:

- Describe the global inequality of access to clean water
- Develop an insight into Namibia’s water
- Develop more of an understanding of Global Goal #6 Clean Water & Sanitation

<https://www.globalgoals.org/>

### LEARN

Kate Leeming will be riding 1300kms along the Skeleton Coast in Namibia. The Skeleton Coast is where the Namib Desert meets the Atlantic Ocean in south-western Africa. Here, great walls of sand, many dunes between 200m & 300m high, drop sheer to the beach. The Namib Desert is the oldest and one of the driest deserts in the world. The people and the animals of the sparsely populated Kunene region in Namibia’s far northwest, undergo constant struggles for water. A lack of clean, safe drinking water affects the lives and wellbeing of many cultures; it compromises school students’ ability to learn effectively and the ability of farmers to grow food and care for their livestock.

This lesson focuses on SDG # 6 Clean Water & Sanitation

What is this goal all about?

<http://bit.ly/2J90EdE> Global Goals Website



Goal- By 2030, achieve universal & equitable access to safe and affordable drinking water for all.



## Breaking the Cycle Education – Namibia Expedition

### THINK

Activity: How do we use water?

Brainstorm as a class all the ways we use water every day. Ask students to classify into categories.

Activity: Watch this clip on water in Namibia

<https://www.nationalgeographic.org/video/wild-namibia-clip-2/> Think Pair Share.

Pose this question to students ask them to take a few minutes of thinking then turn to a nearby student and share their thoughts.

“What makes the Skeleton Coast an extreme environment?”

Activity: Read this article through as a class

[.http://bit.ly/2DTtkD4](http://bit.ly/2DTtkD4) This article is about Namibia water empowerment and how rural areas have lower access to clean water.

Create a KWL chart.

What do we already know? What do I want to know? What have we learnt?

### ACT:

- Every drop Counts Don't overuse water. Think of 5 things you could change in your daily routine to save water.

Get involved with a clean-up in your local area for rivers, lakes, oceans, seaside etc

Run a campaign on hygiene issues at you school – cold etiquette. Hand washing after bathroom use etc.

Create a poster showing your 5 top tips to save water.

### Conclusion Activity:

Invite students to share their ideas on this lesson on Flipgrid



<https://flipgrid.com/2d3dc556>

Add yourself to the map on the Home Page <http://www.breakingthecycle.education>