LESSONS IN CONSERVATION

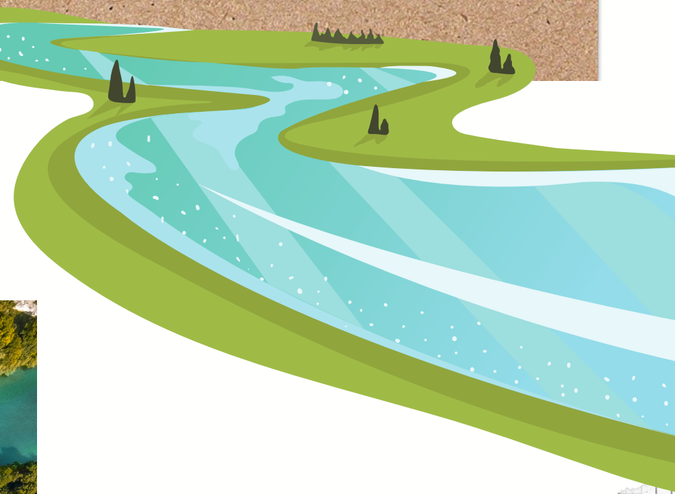
SERVING TO SAVE

Gr 6- Lesson 5

Find your flow

WHAT IS A RIVER?

A flowing stream of water heading to an ocean, lake or another river.



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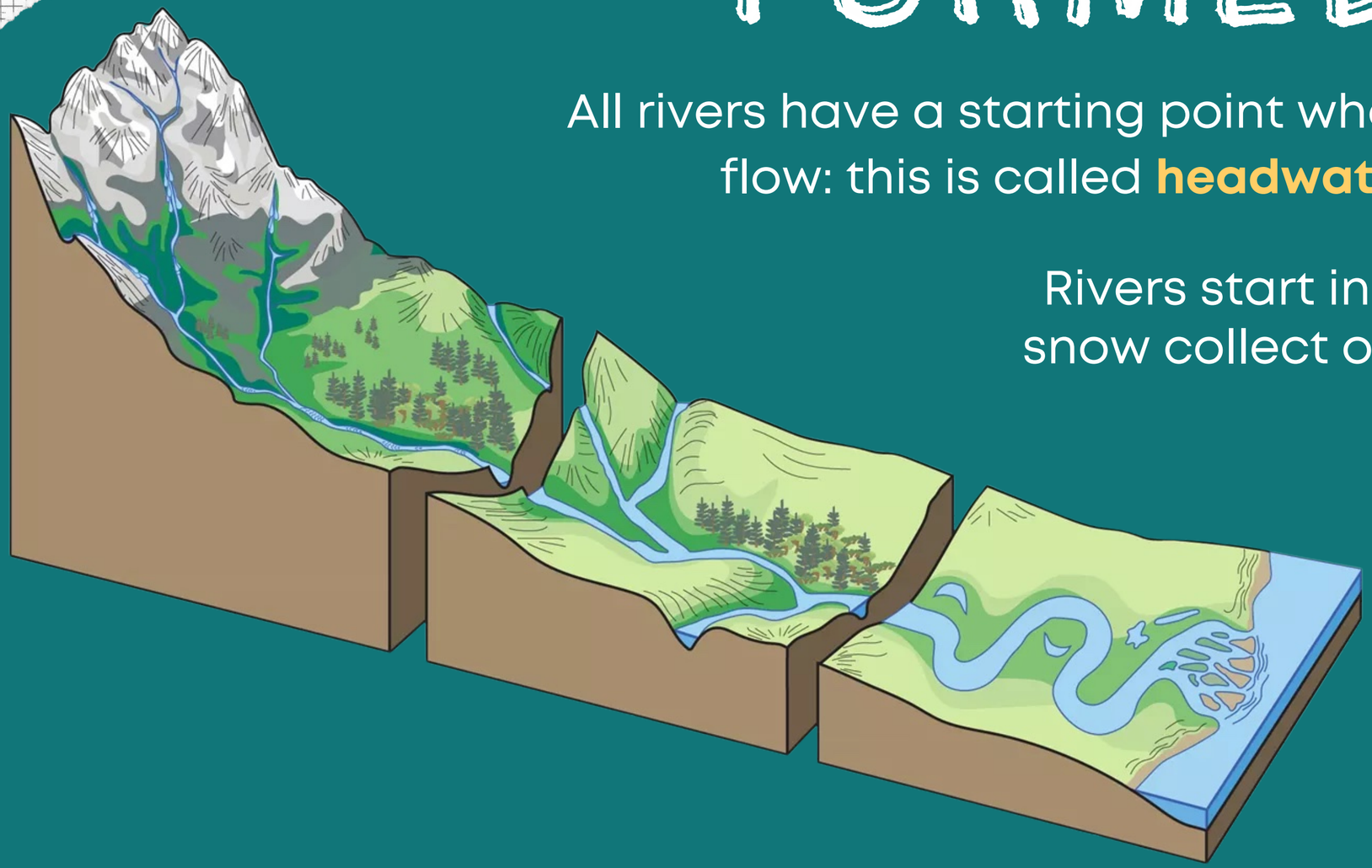
HOW ARE RIVERS FORMED?



All rivers have a starting point where the water beings its flow: this is called **headwater** or **the source.**

Rivers start in upland areas, rain water or snow collect on high ground and form little streams.

These streams flow downhill and become larger forming rivers.

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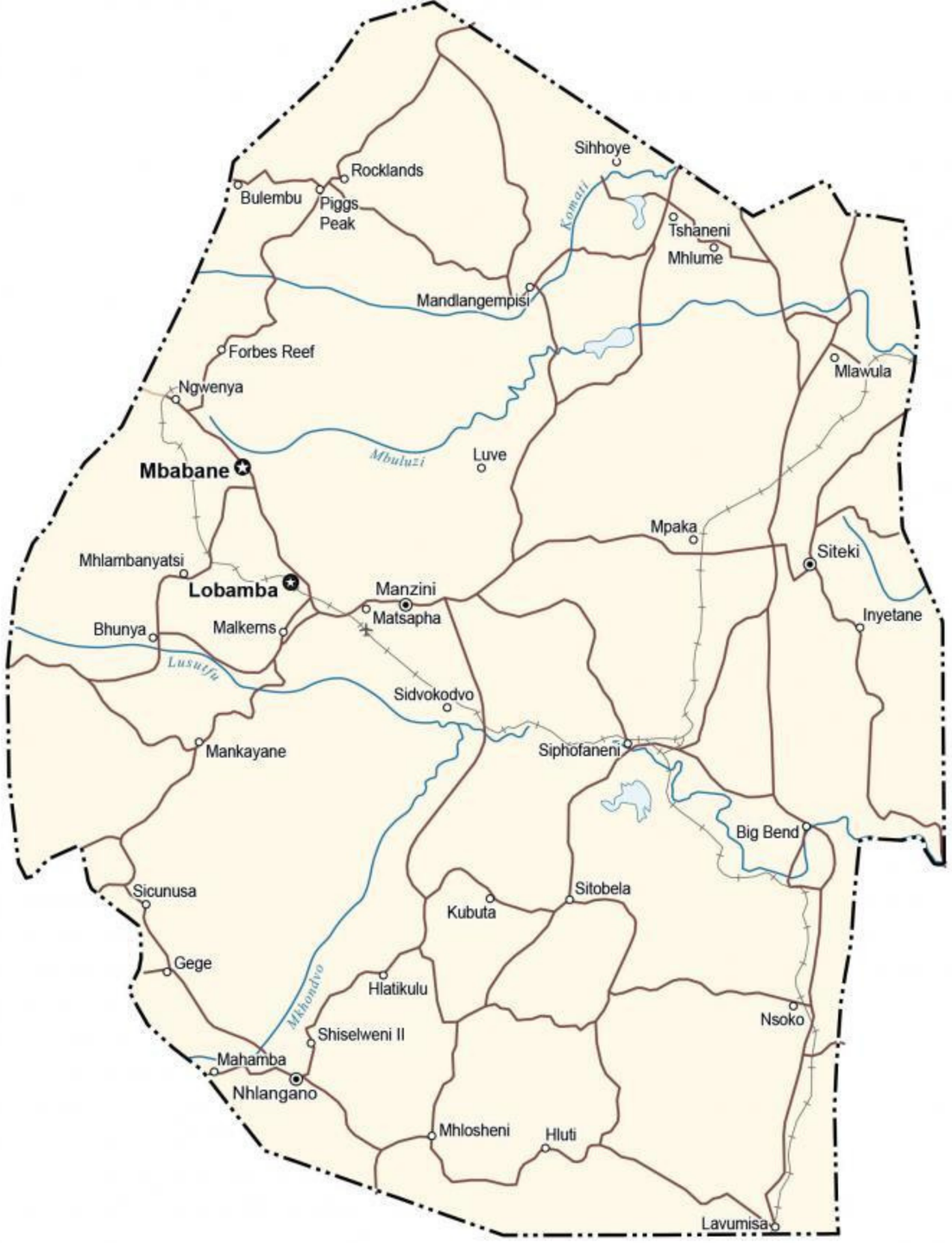

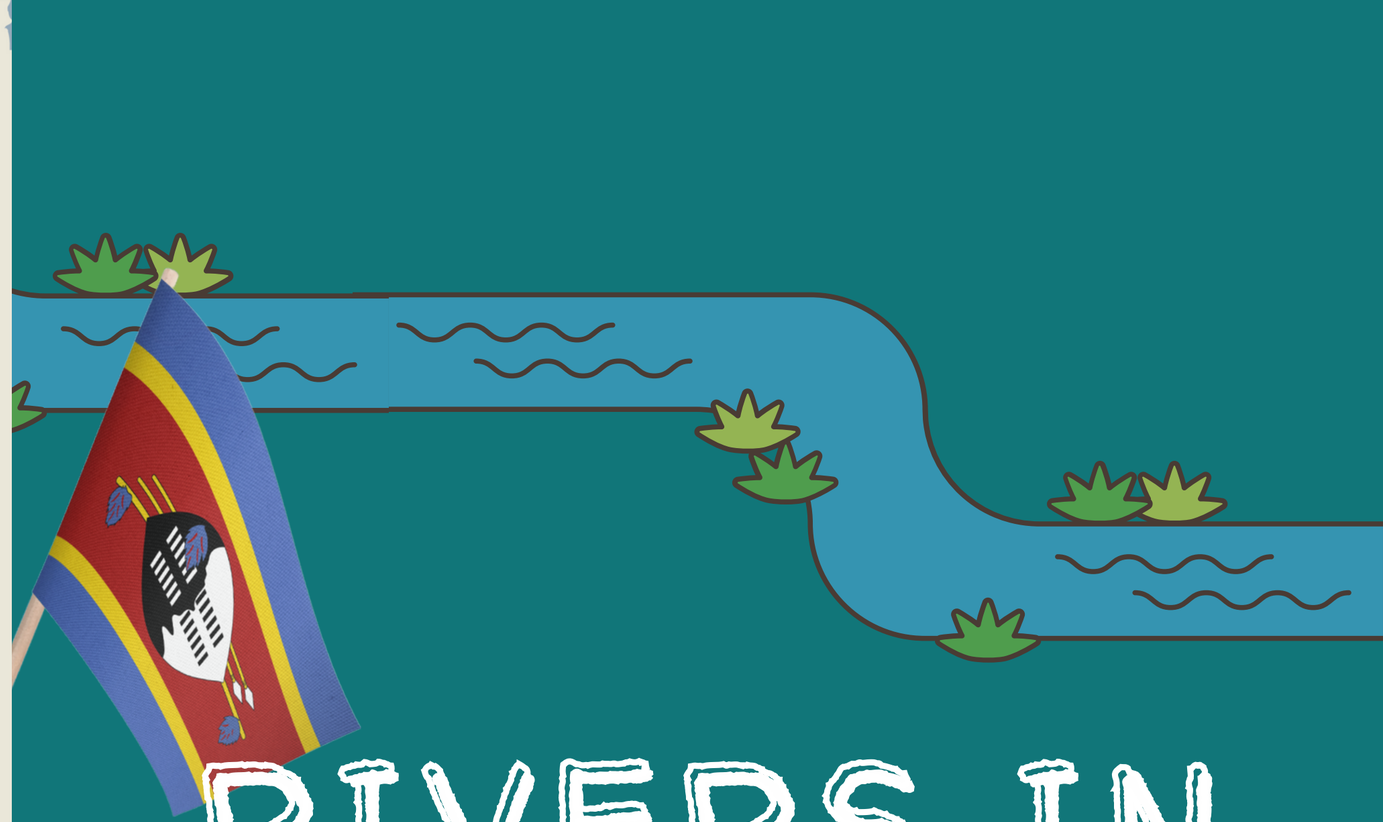

RIVERS IN ESWATINI

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ESWATINI HAS 5 MAIN RIVER SYSTEMS

1. The Lomati
2. The Komati
3. The Mbuluzi
4. The Usutu
5. The Ngwavuma

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THERE ARE ALSO WATERFALLS IN ESWATINI

Phophonyane Waterfall

Mantenga Waterfall

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THE MBULUZI RIVER HAS AN UNIQUE ECO-SYSTEM.

It supports many different animals and us aswell.

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WHY ARE RIVERS IMPORTANT?

Rivers provide us with many resources.

Rivers are a home for many animals

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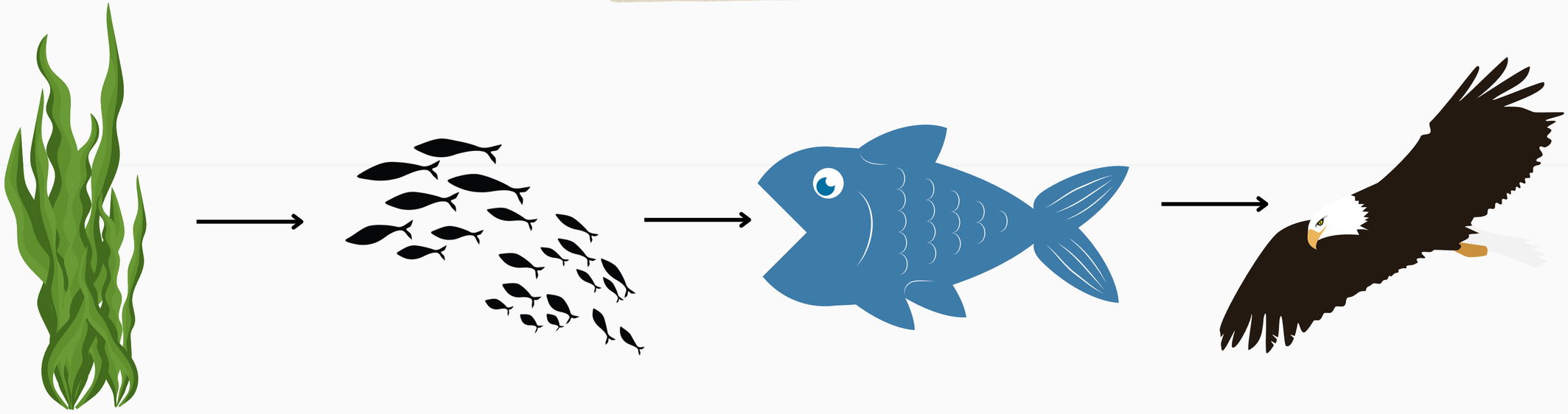
RIVER FOOD CHAIN



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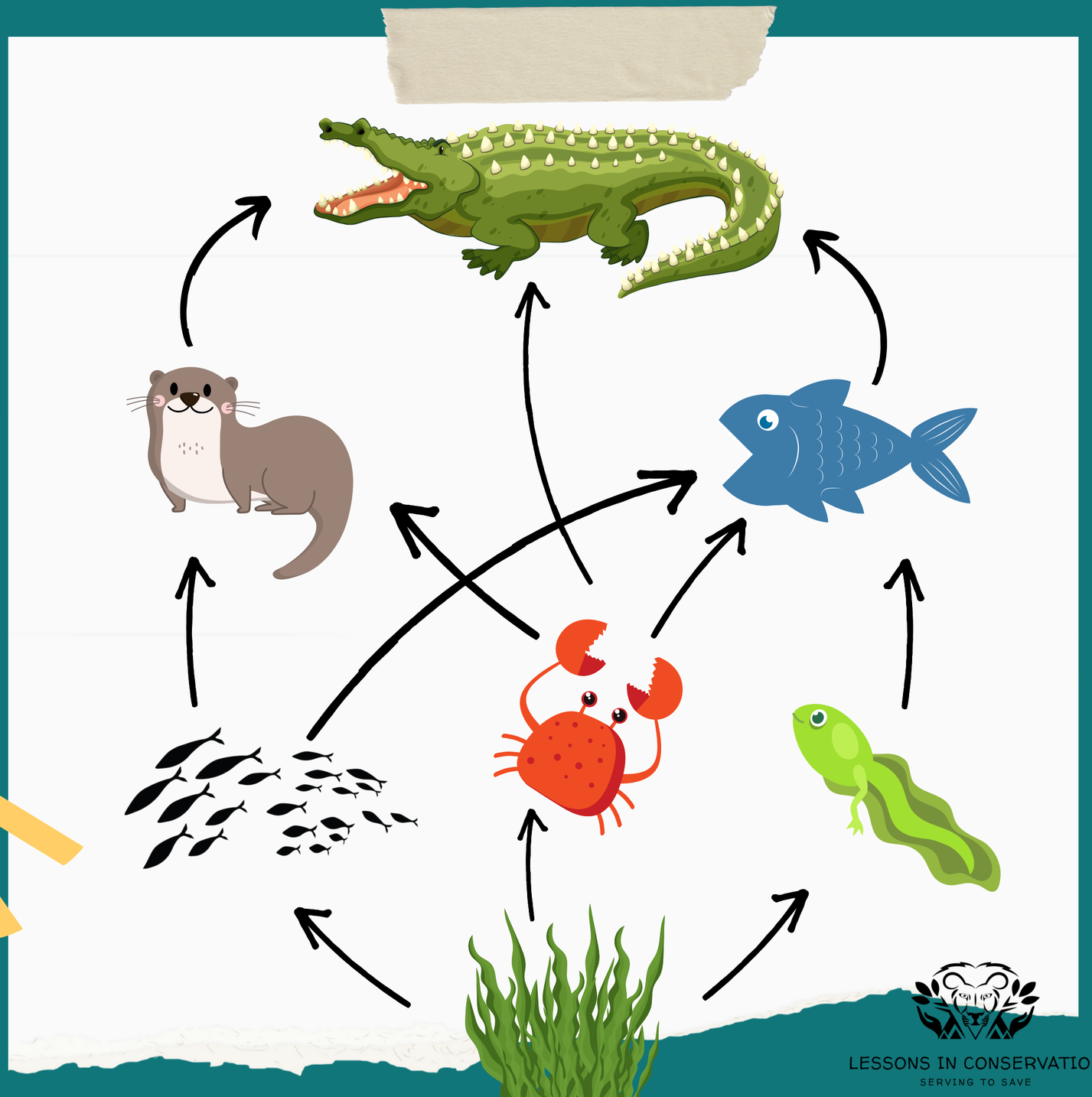
A RIVER FOOD WEB IN ESWATINI



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MBULUZI RIVER LAND FOOD CHAIN

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RESOURCES FOR ALL

People and animals depend on the river for food

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THERE ARE MANY OTHER ANIMALS THAT LIVE IN THE RIVER

HIPPOPOTAMUS

AFRICAN JACANA

FROGS

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SOME ANIMALS IN THE RIVER ARE VERY DANGEROUS

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THREATS TO RIVERS

1. Climate change

- Changes in temperature and rainfall causes changes to the river levels.

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THREATS TO RIVERS

2. Overfishing

- As the human population grows.
- More people are dependent on the river for food.

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OVERFISHING DECREASES THE NUMBER OF FISH IN THE RIVER.

This can lead to a break down in the food chain and eventual ecosystem decline.

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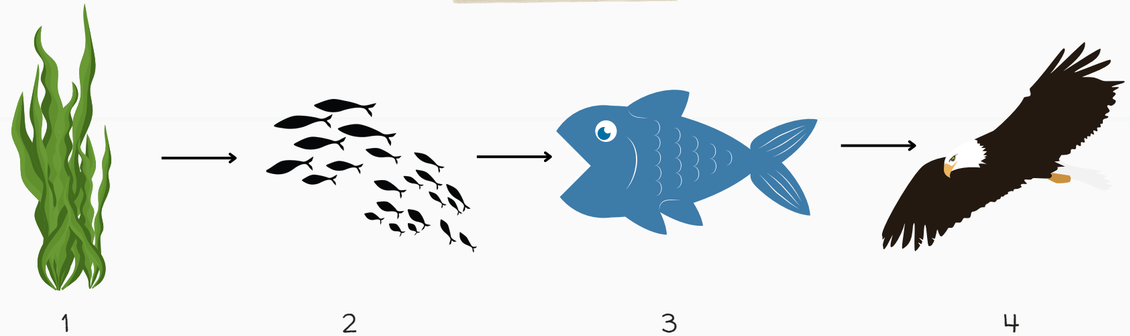
OVERFISHING

Breaks in the food chain leads to ecosystem decline and a lack of food availability.



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13

13 A

14

14 A

FILM NEGATIVE

FILM NEGATIVE

FILM NEGATIVE

THREATS TO RIVERS

3. Pollution

- Kills fish and other animals.
- Prevents fish from breeding well.
- Allows invasive weeds to grow.

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WHAT DOES POLLUTION AND LITTER MEAN TO YOU?

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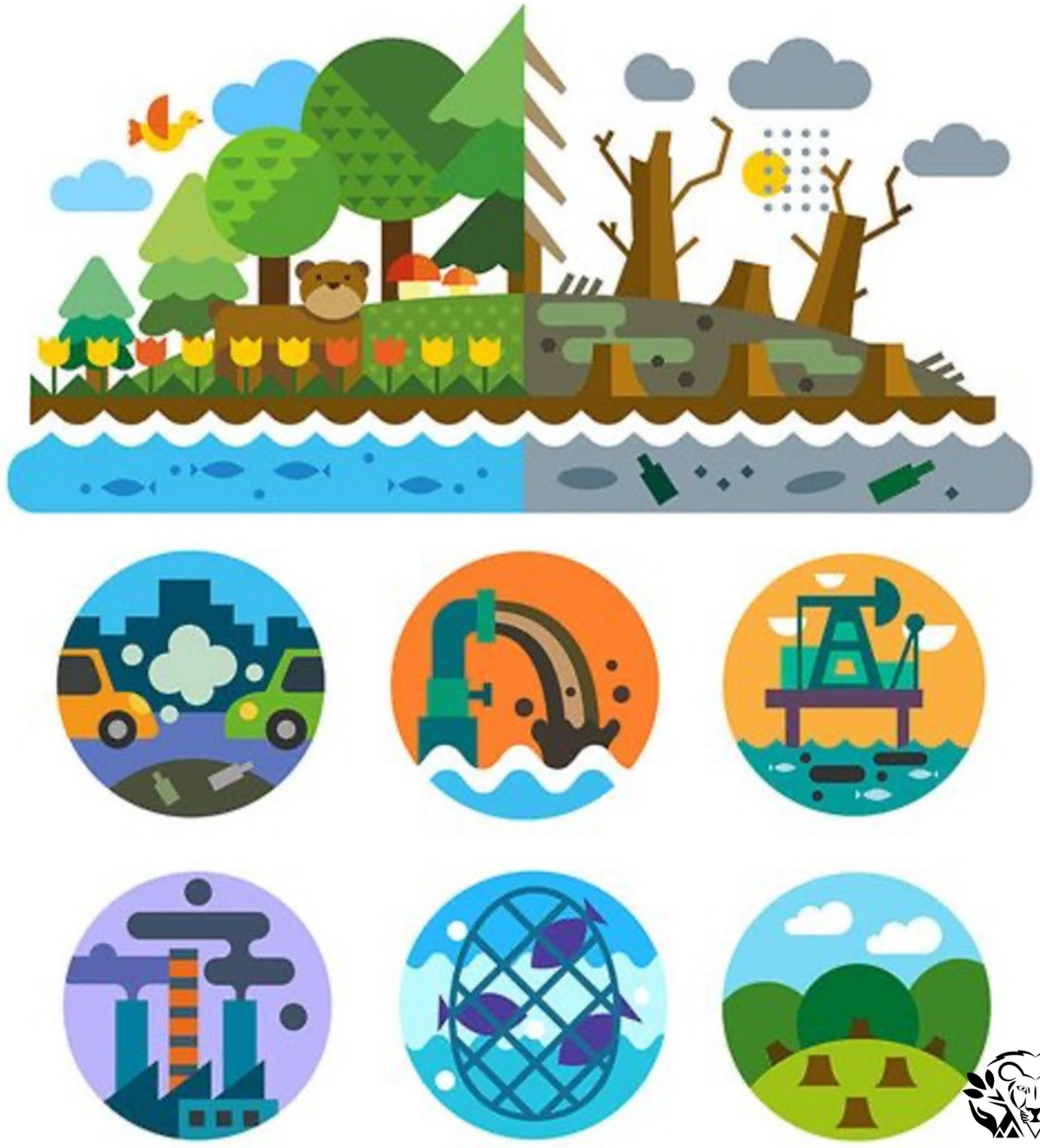
Pollution

When humans put substances or materials into the environment that are harmful or poisonous to all living things.



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LITTER

Litter is when rubbish and trash is discarded where it is not meant to be.

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LET'S DO AN ACTIVITY

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WHERE DO WE SEE MOST OF THE LITTER?

RIVERS

SCHOOL

NEXT TO ROADS

BEACH

IN TOWN

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DANGER OF LITTERING

- Rivers become blocked
- Animals die
- Plants suffer
- Washes into the ocean
- Takes time to decompose
- Expensive to clean

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Just how bad is the litter problem?

Great Pacific Garbage Patch

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1.8 TRILLION PIECES =
250 PIECES FOR EVERY HUMAN

IT'S TIME TO BE LITTER HERO'S!!!

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