

Year Group: Year 1 & 2

Length: 25 mins

Starting Positions: Sit in your own space on the floor

Learning Intentions:

To...

- Identify that most living things live in habitats to which they are suited
- Describe how different habitats provide for the basic needs of different kinds of animals and plants

Synopsis:

- You (Morph) and your co-pilot (Shift) are on a mission to find a new habitat for people of Planet Doom.
- You crash-land on Earth. You dive into the ocean. Doomians can change their bodies.
- You grow gills and fins, but a fishing boat traps Shift. You follow the boat to shore.
- Your leader orders you to give up on Shift and find a habitat. You ignore him.
- In the rainforest, you grow arms to climb a tree and follow the lorry. Trees start falling - loggers!
- You're rescued by an albatross, migrating home. You arrive at the Antarctic.
- Ignoring your leader, you grow albatross wings and fly to where you last saw Shift.
- In the desert you follow the road again: to the city. You head there with a camel.
- You drink water from an oasis but nearby drillers kill the camel.
- You reach the city alone. At a restaurant you're worried they're eating Shift.
- Shift appears and you leave Earth. You tell your leader that Earth's habitats are being destroyed.

Characters:

- **Morph** – You. You have the ability to adapt to the requirements of any habitat
- **Shift** – your Californian-accented co-pilot
- **Leader** – your boss on Planet Doom
- **Shark** – extra rows of teeth, grey and a sensitive nose
- **Monkey** – with long arms and a tail for swinging
- **Albatross** – the bird with the largest wingspan. They migrate enormous distances
- **Penguins** – penguins' wings are for swimming, not flying.
- **Camel** – the hump is not for water! It's for fat (nutritional storage) and it helps them cool down.
- **Humans** – humans can live in most habitats (not the sea!) because we can create shelter & hunt

Locations:

- **Space** – Space (particularly Mars) is seriously being considered as an alternate habitat for humans.
- **Ocean** – 70% of earth surface is ocean. It contains 80% of all living things.
- **Rainforest** – most species live in the canopy (up to 100 feet tall) for sunlight
- **Sky** – although nothing *sleeps* in the sky, it is where many species spend most of their time.

- **Desert** – 1/3 of the earth's land is desert, and growing. It gets very cold at night due to no cloud cover
- **City** – 100 years ago, a fifth of humans lived in cities. Today, half of us do (and growing).

Glossary:

- **Gills** - the flaps on the side of a fish which allow them to breathe underwater
- **Fishermen** – over-fishing means tuna, halibut and cod may not be eaten by our children's children
- **Canopy** - the top 'layer' created by the trees in a rainforest
- **Loggers** – cut down trees; deforestation is also to clear space for crops ('slash-and-burn').
- **The Antarctic** - the South Pole (with penguins, but not polar bears!)
- **Drillers** – drillers often drill below deserts (especially in the Middle East) to find oil

Discussion

Story & Factual

- Might we need to re-name Earth? (Ocean?)
- Do you get plants in the ocean?
- How can humans 'adapt' themselves to spend long periods of time in/under the sea?
- Why do trees in rainforests grow so tall?
- On postcards, penguins and polar bears hang out – is this accurate?
- Which way round is the Antarctic and Arctic?
- How do desert species have to be adapted? Give examples.
- What kind of plants do you find in the desert?

PSHE & Philosophical

- The people of planet Doom had to leave their planet. Might humans one day have to leave earth?
- Many fish are in danger of being wiped-out. Should trawling (with big nets) continue?
- List everything you've used today that's made of wood. Could we do without any of it?
- What are a penguin's wings for?
- Is it just animals and plants that are threatened by deforestation?
- Would you rather live in the desert (like a bedouin) or the Arctic (like an Inuit)?
- Why is the city becoming the most popular human habitat?

Resources:

You'll find these follow up resources on your shared drive:

- **Literacy Resources** – Reading Comprehension/Text Analysis, 3x SPAG exercises, Poem/Short writing exercise, Formal Prose, Creative Writing, Spelling Test
- **Photo Storyboard** – order the images from the story
- **Quick Quiz** – re-cap key facts
- **Or try some recount, report or creative writing ideas of your own!**