

BUILD YOUR OWN PENGUIN PALACE

– Before and After Climate Disruption

USE YOUR
hands



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What you'll need:

- A clear container (e.g. a jar or bottle)
- Blue food colouring
- Sea floor decorations, like seashells or rocks
- Permanent markers
- Water
- Sand
- Dirt

Building your healthy penguin habitat

- Draw a penguin near the top of the container, and a school (group) of fish on the other side – nearer the middle or bottom.
- Add in your ocean floor with sand, rocks, or seashells!
- Fill the jar or bottle up with water and a tiny splash of blue food colouring
- Can you see your penguin and the fish?



This environment is most suited for a penguin! Penguins need to be able to see their food clearly (they are visual hunters) so they can maintain a healthy diet for them and their families.

Landslides, stronger storms, & coastal erosion have caused the ocean to turn murky.

Climate disruption also causes:

- Rising water levels and temperatures
- Fish to change locations and depths
- The ocean to become more acidic
- Diseases to spread more easily

What does this mean for your penguin?



Oh no! The climate is changing their habitat:

- Add in a handful of dirt to your jar
- How well can you see your penguin now? What about the fish?

The effects of climate disruption are set to get even worse over time. We all need to take the responsibility to be more eco-friendly in our day-to-day life to help to reduce the impact on our penguins.

What changes are your whānau (family) or kura (school/centre) making to help?