

This discussion trail is aimed at junior students and depends on an adult reader and discussion leader.

Penguin sneak a peek.

We have two different sorts of penguins. The **Gentoos** have white eyebrows and the **Kings** have a yellow chin. How else are they different? Watch them carefully to see how they move on the snow and in the water. The red snow track and the Alpine II helps people move over the snow. Can you work out how these machines move on the snow?

Scott's hut

Penguins have thick feathers and fat bodies to keep warm in the snow of Antarctica. People need help to live in such a cold place. How would people in this hut keep warm during the day and what would they use at night? What could they eat to keep warm?



Photo corridor and snowcat ride.

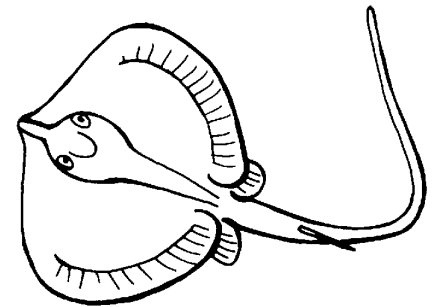
The photos in the corridor show our penguins doing lots of different things. Tell your friend 3 different things you can see them doing. Go on the snowcat ride around the corner. Soon we will be in Antarctica to visit the penguins. Look at what they are doing. Are any of them itchy? Playing? Cooling their tummies? Sleeping? Feeding their babies? What makes you think that's what they are doing? What else is going on?

Niwa room.

Here you can pretend to be eaten by a big shark or you could you could dress up in the clothes people wear in Antarctica today. You can even go to the costume box and dress as a sea creature. Try putting the turtle shell under the microscope. What do you notice? Does it make your finger bigger too?

Stingray tank (*This is a good place for a snack and toilet break.*)

Find the stingrays. Their eyes are on the top of their heads but their mouth is underneath their body. How do you think they would know when some food is near their mouth? When they swim how do they move differently from the way a fish swims?



Shark tunnel.

Some fish like to swim in big groups. Why would that be safer? Show your friend the shape of a shark's tail with your hands. Look underneath the stingray to see it breathe. Sharks also breathe. Can you find their gill slits by their front fins? Find sea creatures that are dark on top of their bodies and light coloured underneath. How does this help them to hide is to help them to hide?

Fish tunnel.

Compare how different fish use their fins. Find some that are swimming forwards. Do they change direction? Can you see smaller fish that use their fins to stay in one place? Find your favourite fish in this place. Describe it to your friend. Can they guess which one you like best?

Fish alley.

Watch the eels for a while. What words could you use to describe them? Crayfish have a hard outside shell. Why?

Many creatures in the tanks move in different ways. Look at how the sea horses move. Compare that to the way the octopus moves. What other animals do you like here?

