

# 4. Beneath your feet



Photos: Jeremy Rolfe.

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Some of the stones on the beach have come down from the hills and some have been washed in by the sea. Can you tell which is which?

- Imagine rocks on the hills shattering during earthquakes and the strong tides washing stones onto the beach.
- Find a selection of stones from different parts of the beach. Can you tell the difference between the stones broken from the hillsides and stones washed in by the sea? Why are their features different? Explain the process that they go through or choose a stone and make up a story about its journey.
- Compare types of rocks/stones at each

beach ridge and look to see if there is any soil covering them. How does this affect the plant growth?

- Look for special features that the plants have to help them survive in this windy, salty environment. Describe some different types of leaves and how they might help the plant to survive at Turakirae.

The Rimutaka Range is probably being lifted faster than any other New Zealand mountains. What goes up fast, comes down even faster!

