



Science Week - Growth

Investigating penguin nests

For Science Week we learnt about Gentoo Penguins.
We needed to make a nest to withstand the wind and wet weather.



We went into the forest and used sticks, mud, stones, moss and leaves to make our nests.













We then tested our nests.
We used a hairdryer to blow
on the nests and measured
how far the pieces blew.
We then poured a litre of
water over the nest and
observed if it was still intact.

Our nest blew a piece off up to 61cm.
It collapsed with the water.



Our nest blew a piece off up to 15cm – this was the best nest to withstand the wind. It partly collapsed with the water.



Our nest blew a piece off up to 23cm.
It collapsed slightly with the water.



Our nest blew a piece off up to 32cm.
It partly collapsed with the water.



Our nest blew a piece off up to 85cm.
It stayed intact with the water.



Our nest blew a piece off up to 55cm.
It collapsed slightly with the water.



Our nest blew a piece off up to 70cm.
It collapsed with the water.



Our nest blew a piece off up to 45cm.
It collapsed slightly with the water.



Our nest blew a piece off up to 68cm.
It remained intact with the water.
Mrs Kennedy said that it looked the most
comfortable of all the nests.

