

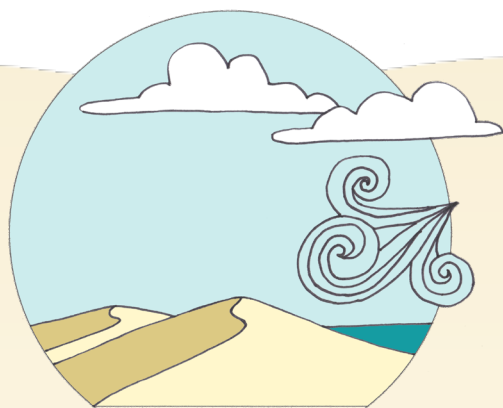
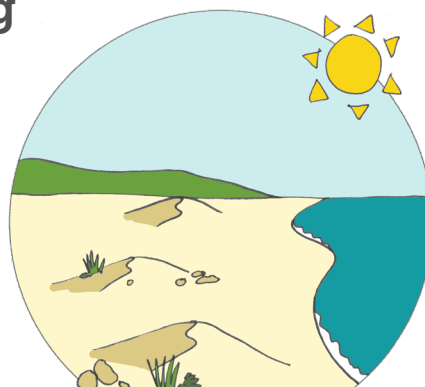
# Ingredients for a sand dune



## The beginning

### Weather, rocks & rivers

Hot & cold, wind & rain break down rocks. These small rocks & sand are transported to the sea in rivers.



### Wind & waves

Winds blow across our oceans & seas, creating waves. Waves throw sand on to the shore & wind blows the sand beyond the beach.

### Sand

Rocks are slowly slowly broken in to smaller & smaller pieces creating sand.

### The tides

Every day, twice a day the sea moves in (high tide) and out (low tide) on our beaches - like a long slow breath. A big low tide can see the sea withdraw hundreds of metres to create large sandy beaches and so lots of material for sand dune making.

## A new habitat

Where the sand gets trapped by an obstacle, piles of sand form. Special plants and animals begin to make their homes there.

