



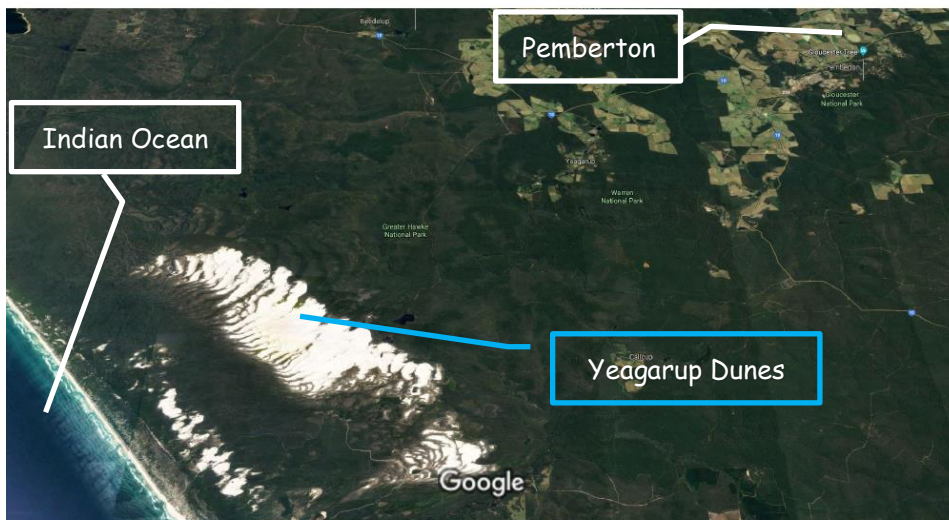
Sculpting Sand Dunes - Teacher's Notes

Sand dunes are one landscape feature made through aeolian processes, being moved and shaped by the wind. As mentioned previously, Yeagarup dunes near Pemberton are an interesting example of this as they are travelling inland as they are being moved by the prevailing winds.



Photo credit: <http://neilmallo.reislogger.nl/foto/western-australia/yeagarup-sand.486174>

Google Maps Google Maps satellite image of Yeagarup Dunes



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Sculpting Sand Dunes - Teacher's Notes

In this activity, students can sculpt their own sand dunes by using their breath or other gentle winds.

Materials

- Sandpit or outdoor area with a large amount of sand
- If a sandpit is not available, a large tray or box (a student desk tray or an A3 paper box is ideal) may be used
- Clean, dry sand
- Paper fans, straws, a hairdryer or gentle fan



***SAFETY NOTE!** As sand will be blown around in this activity, it is advised that students wear safety glasses. Students should be encouraged to blow gently and also to ensure they stand behind or far away from the person/object blowing the sand.

Method

Students can build low mounds of sand with their hands at first then, using straws, they should blow towards the mounds and observe how the shape and height of the 'sand dunes' changes. They could then try using the paper fans to see the effect of a less directed wind source. If possible, the teacher may like to demonstrate this on a larger scale by using the low setting on a hair dryer or a gentle fan.