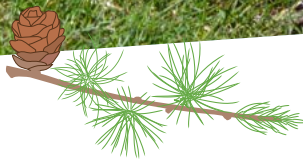




# Maths & Numeracy

## // Activities & Games



# TWIG TOWERS

### Overview

This activity explores non-standard measurement, height, weight, mass capacity and 3D shape.

### Supporting information & resources:

#### Sticks

#### What to do...

- 1 Divide your learners into small groups.
- 2 Direct them to collect a range of straight sticks from around the area.
- 3 Ask for the sticks to be sorted according to length, from the longest to the shortest.

**The task is for each group to build the tallest tower starting with the longest twigs.**

**You can allow time for problem solving or direct a little to get them started.**

- 4 First place two twigs on the ground and then another two on top in the opposite direction.
- 5 Keep laying two twigs on top at a time, moving them in a little bit closer to the centre each time.
- 6 Keep going until all the twigs have been used to create a tower.

// *Which group has made the tallest tower?  
Which tower is the most stable and why?*

**EXTEND THE ACTIVITY** by trying to build a different 3D shaped tower, e.g. a triangular one.

**LESS ABLE LEARNERS** can work together as one big group with additional adult support.

**MORE ABLE LEARNERS** can complete this activity as a team challenge, use a set number of sticks or within a set time frame.

