

# Woodland Engineers

## What do we need to bring?

- Cameras
- Tarpaulin or sheets if you would like extra materials for your den building

## Activity

- Work in teams to create dens in the Woodland Play area. There will be branches available for you to use if you explore the woodland and some permanent structures in place to help get you started if you would like to use them.
- Think about the shape of the structure you are building and what you can do to make it strong. Test your project as you go and make improvements.
- For younger or less confident children gather smaller twigs and stones and experiment.
- Can you build something very strong? How could you test it? Who can build the tallest structure? Measure it using a metre rule or tape measure.

## Where can we do it?

Woodland

## What is the best time of year?

Anytime



## Follow up activity

- Work in teams on simple engineering challenges back at school using paper, card and straws.
- What kinds of shapes make the strongest bridge or the tallest tower?