

Wednesday's challenge - Building and modelling

Activity 1 – Lego or other construction toy

Build a bridge strong enough to hold a toy

What to do

- Create a river by drawing the shape on paper – you could cut this out or leave drawn on an intact sheet of paper.
- Set up the construction equipment and a character.
- Explain that your character wants to cross the river. Talk about why this might be.
- Ask if your child can help them cross the river. What could they do? Build a bridge. Talk about the fact that it must be sturdy enough to stay standing and strong enough to hold the weight of the character as they cross.
- Let your child explore building the bridge, looking for ways to make it stronger and stay upright.

What you need

Bridge building materials: Lego, Duplo, Magnifico, Meccano, blocks or any other construction equipment you have.
Small world figure to cross the bridge.



Extension

Explore using different building materials.
Try using more than one toy. Will the bridge be strong enough to hold up two dinosaurs?
Tell stories using the bridge. 'Who's that trip-trapping over my bridge?'

Questions to ask

How will they get across the river? How could we help?
How can we make the bridge strong enough?
How can we stop it falling down?
Is the bridge long enough to cross the river?
What happens when the zebra stands on it?