

Build a Bridge

Use your ingenuity and lateral thinking to cross the gap. Build a bridge strong enough for a person.

A great hands-on activity that has full involvement from the design process to testing and then reviewing.

Activity:

1. Identify a gap to span with your bridge. This could be a puddle, a hole in the path, or just a distance marked by twigs.
2. Collect a range of objects you think would be useful in building a bridge. Anything will work! This could be old boxes and card, planks or sticks, rolled up newspaper etc. Be imaginative with what you see around you.
3. Build the bridge over your gap. It must be strong enough to hold your weight when you walk across!

Can it be made stronger?

Research can be added, looking into real life designs. See if your design can be adapted to be in the style of a arch, beam, suspension or cantilever bridge.

Notes:

If you only have small building items available, adapt it to support the weight of a toy or similar figure.

Enjoyment and Appetite for Learning

Motivated to participate and persevere showing resilience with new challenges Adapt and change related to situations.

Time:
30 min plus

Space:
Any outdoor space

Equipment:
Cardboard, Sticks, Newspaper, or Other household items

