Billy Goat Bridge Building

STEM Activity



Method

- 1. Tell the children that the goats need a new bridge to cross over the river so that the troll doesn't scare them.
- 2. Can they help by making a bridge for the goats?
- 3. They can only use the materials and tools that you have left out for them.
- 4. Look at the photos of bridges and talk about the different shapes and how the bridges go across the water.
- 5. The children can then decide how to join the materials to create their bridges.
- 6. Once the children have made their bridges, they could be tested to see if they are strong enough to support the goats as they cross the river.

You will need:

A selection of card and paper

Cardboard tubes and boxes

Children's scissors

Sticky tape

Sticky tack

String

Small goat toys

Types of Bridges Display Photos







