Fireman's Hose

STEM Activity

Method

- 1. Spend time exploring and experimenting with the piping, straws and water.
- 2. Practise sucking up water into the straws and tubes and blowing air bubbles in the water.
- 3. Talk together about what the children think is enabling them to move the water with their hoses.
- 4. Use lots of descriptive languageforce, push, pull, suck, etc.
- 5. Ask the children how far they can shoot the water using the hoses.
- 6. Measure where the water lands. Try it with different-sized tubes and straws and talk about the difference that it makes to the distance the water can shoot from the hose.

You will need:

Lengths of tube of different widths

Straws

Water

Water containers

Metre stick or nonstandard measure

You may like to do this activity outside.

