

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 language – force, 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 non-standard measure

You may like to do this activity outside.

