

Young Master Builder

Our children constructed a "Sprayground Sprinkler" after learning about inventions and the principles behind stable structures. The sprayground sprinkler is also used by the children to fill the trough for water play. From this project, the children learnt about different materials.



Objectives



1. Children to plan, design and construct a sprayground sprinkler.
2. Children to develop an awareness and a basic understanding of the scientific concepts behind stable structures.

Processes

Children researched, drew illustrations, created miniature models, and did test runs of their prototype sprinklers. Teachers were at hand to support and guide the children. They asked questions to stimulate children's thinking.



Outcomes & Impact



- Teachers are better equipped with science knowledge and at providing authentic learning experiences that incorporated science elements and STEM concepts.
- Children become better problem-solvers and are more open to trying out new things.
- Parents are more eager to help out in the various tasks to better support the children and the centre.

