

Box Construction

A box is never just a box, it a source for many happy hours of creative play!

Did you know that box construction provides a myriad of learning possibilities for:

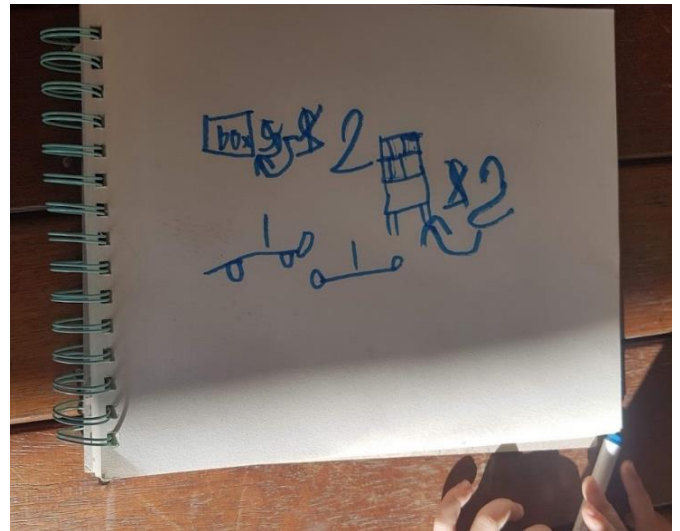
- Imagining and pretending as children use boxes to build cubbies, caves, a dragons den, spacecraft, cars, buses, trains and planes, houses, offices, shops, a knights shield, a robot, a suit of armour, a dolls bed, a, puppet theatre, a roadway (flattened box), a boat, a car ramp, a stage just to name a few.
- exploring mathematical and scientific thinking as children combine boxes and other materials to create 3D structures
- discovering that boxes can be stacked but that a big box won't balance for long if placed on a smaller one
- solving problems, 'When does glue work best?' 'How can I join two boxes together, will I need sticky tape or masking tape?' 'Do I need something stronger like metal clips, string, wool, a stapler or elastic bands?'
- making discoveries, for example, 'How tall can I make this building before it falls?' 'If I join some boxes together I can make a train for my toys'
- planning and making decisions about what to build, which materials are needed, and how the creation should look when finished
- co-operating with others and negotiating roles and responsibilities Dealing with challenges and coping when things don't go according to plan

The first train



Planning and design

The plan for the second train shows the use of a skateboard to make it moveable and the addition of a rope to pull the train forwards and backwards. This shows a progression in the children's thinking over time.



The second train moves back and forth as shown in the plans

