

Make It Roll

Materials

Egg cartons
Paper clips
String
Plastic lids
Rubber bands
Straws

Procedure

1. Put all the materials on the table and arrange so that all children can easily access them.
2. Instruct the children that the only "rule" in this experiment is that they have to make an object that has moving parts, preferably one that can roll. Encourage them to plan their design before starting to construct it, even to draw out their design first.

The object here is creativity, problem-solving, and indirectly experiencing the laws of physics. Allow any good and reasonable ideas, and encourage uniqueness! Children should come up with a variety of different objects or "toys", and may ask for more variety of materials to use. The only limit is what they can think up, and what you will allow!

