

## DL Kids Creative - The Big Rocket Build

**Suggested items you will need:** Paper, plastic bottles, craft materials, household items, pens, pencils, glue and paint.

### Stage 1 - The Design

Give each child a sheet of paper to design their rockets and give it a name.

Encourage children to use their imagination and design exciting looking/one of a kind rockets!

### Stage 2 - The Build

Give each child a bottle and some craft materials to build their rockets following their design from the first stage.

Tape is easier to attach items to the bottle than glue so provide tape if available.



### Stage 3 - The Launch Pad – this stage is not essential (see images below)

- Push the needle adaptor of the pump through the cork, it needs to go all the way through so you might have to trim the cork a little bit.
- Fill the bottle  $\frac{1}{4}$  full of water.
- Push the cork with needle adaptor into the bottle nozzle ensuring it doesn't go into the bottle and just sits in the nozzle. The cork should be secure in the bottle nozzle.



### **The Launch**

- Take the children outside to launch the rockets for each child/group can launch their own.
- Attach the pump to needle adapter in the bottle, children might need assistance doing this.
- Rest the rocket on the floor, if the children have made fins for their rocket it should stand on these but if not use a box like the image above.
- Start to pump air into your bottle using the pump, all spectators should stand back and watch as your bottle launches into the air!