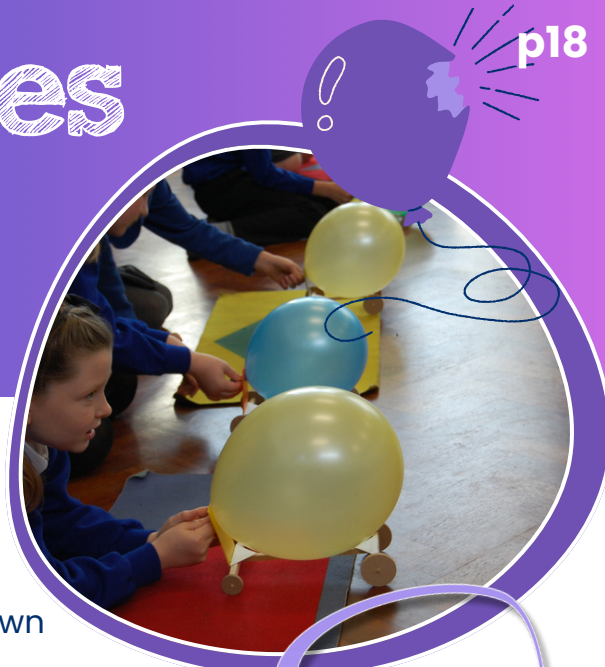


Balloon Buggies

Learn forces and motion through
D&T

p18



**Years
5 & 6**

Balloon Buggies is a fun, practical workshop in which the pupils have the opportunity to investigate factors affecting the movement of a balloon-powered buggy. Initial investigations are with Lego, then the children make their own buggy with wood and plastic and test it.

The aim is to:

- investigate the design possibilities of a balloon powered buggy using Lego
- develop their ideas and explain them clearly, planning their own buggy within certain boundaries
- provide Year 5 and 6 pupils with an enjoyable and stimulating workshop

Pupils are encouraged to measure accurately and use tools properly to measure, mark out, cut using a junior hacksaw, assemble, join and combine components accurately. They will also learn how to use the tools safely and properly, to test the buggy (which they keep) and then race others. And finally they reflect on the design, identifying ways it could be improved.

This workshop works best in the hall.

D&T/Practical Skills/Science/Maths

**only £7.00
per pupil for a
full day of 60 pupils**

National Curriculum links

Full Curriculum Links plus
Non-Statutory
Opportunities available at:
Balloon Buggies
National Curriculum
Links

To book a workshop go to:

https://share-eu1.hsforms.com/1HUqaEKvfQSG9sQWoA_LxJA2dbud8



**Book
Now**

Cost: A whole day: 2 x 2 ¼ hours approx. sessions/workshops at £420 per day

Morning only: 1 x 2 ¼ hours approx. sessions/workshops at £290 per morning

All materials and equipment provided. Maximum class numbers per session = 30 pupils

Helpers: You will need to provide 5 adult helpers in addition to the class teacher for each session/workshop