

Let's Go Fly A Kite

Overview of unit / topic

This unit gives children the opportunity to develop their understanding of frame structures and how they can be strengthened and stiffened. They will gain knowledge and understanding on the different parts and shapes of kites

Key Questions

What are the parts of a kite?
What is the purpose of each part of a kite?
How does a kite fly?
What material will be suitable for.....?
How can we strengthen certain parts of our kite?

Key Vocabulary

Sail – catches the air to allow the kite to lift and fly
Line– this stops the kite from flying away, the thicker the line is, the stronger it will be
Tail – adds 'drag' to the kite and keeps it pointed to the wind
Spars – these give the kite structure (the cross shape / like a spine)
Bridle – keeps the kite at the correct angle to the wind
Tow point – where the line connects to the bridle
Keel – like the bridle, acts like a rudder to keep the kite in the right direction

Key Knowledge and Understanding: What will we be learning about in this unit / topic?

- To name and explain the different functions of the different parts of a kite
- To investigate different kite shapes
- To develop a design criteria
- To develop and communicate a design for a kite
- To accurately measure and cut the shape of the sail of a kite and join it to the frame structure
- To make a strong and stiff frame structure to support a kite
- To evaluate my kite