

Year 2 - Autumn

DT Knowledge Organiser

Project eXplore topic:

Up, Up and Away!

Links to other year groups:

Year 8 Design Movement / Modelling Project Prototypes: why, consumer, manufacturer design movements - prep; practical skills: hand tools intro materials knowledge - styrofoam; use of modelling materials; finishes

Key Vocabulary & Skills:

Design
Criteria
Plan
Communicate
Template
Materials
Suitability
Cutting
Textiles
Body
Spars
Tail
String
Evaluate

Skills

Exploring the history of different kites and what they look like.

Exploring materials used to make simple kites.

Making a simple Carp Kite

Exploring designs of diamond kites

Constructing a kite by following a design.

Evaluating a finished kite.

Real World Examples:



Homan Walsh- Niagra Falls



Uttarayan Kite Festival, India

China

It is believed that China invented kites and that the Chinese General used kites to measure how far away the enemies were and use these measurements to plan his attacks.

Korea

People in Korea also stated using kites for military reasons. Korean generals attached a fire ball to kites to scare the soldiers, this made them want to fight again.

Japan

In Japan, it is believed that people decorated kites with evil faces to scare away bad spirits.

India

Indian people designed fighter kites, these were small and hard to fly.

America and Europe

American and European people used kites to help them find out about wind and weather.

Important People:

Homan Walsh - In 1848, a boy from New York state entered a kite-flying contest. The challenge was to fly a kite straight across the Niagara River at the narrowest point between the US and Canada.

Construational Diagrams & Key Info:

