

National Curriculum subject content:

- Design**
- ✓ use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
 - ✓ generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
- Make**
- ✓ select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately
 - ✓ select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities
- Evaluate**
- ✓ investigate and analyse a range of existing products
 - ✓ evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- Technical knowledge**
- ✓ apply their understanding of how to strengthen, stiffen and reinforce more complex structures

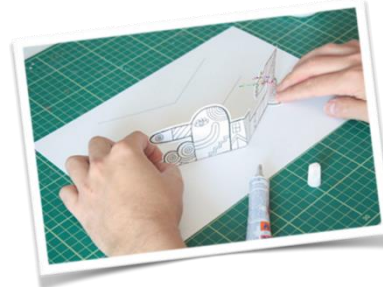
National Curriculum theme:

- ✓ Design
- ✓ Make
- ✓ Evaluate
- ✓ Technical knowledge
- ✓ Materials and structures

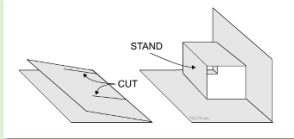
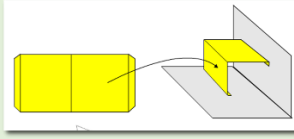

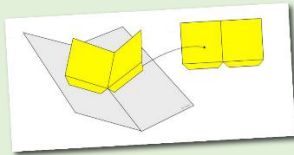
Design and Technology:

Yr4 Autumn term

**Pop-up cards
(Materials and structures)**



Key Vocabulary:

Design	A plan or drawing produced to show the look and function or workings of a building, garment, or other object before it is made.
Evaluate	To consider the effectiveness of a product.
Internal stand	
Join	To link or connect.
Make	Combining materials and techniques to create a product.
Material	The matter from which a thing is or can be made.
Parallelogram pop-up	
Pop-up card	A card that features a three-dimensional paper sculpture inside the card.
Spirals	
v-fold	

Sequence of Learning:

Objectives (key knowledge):

Lesson 1: LO: To know what a pop-up card is. LO: To learn how to make v-folds and internal stands.	Lesson 2: LO: To learn how to create parallelogram pop-ups and spirals.	Lesson 3: LO: To develop design criteria and create an annotated design.	Lesson 4: LO: To make a pop-up card that meets the design criteria.	Lesson 5: LO: To make a pop-up card that meets the design criteria.	Lesson 6: LO: To evaluate pop-up cards against design criteria. (peer evaluate).
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