



Knowledge Organiser	Subject: Understanding the World	Topic: EAD Junk Modelling	Year: Nursery
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What should I know?

- Which hand is my dominant hand?
- How do I correctly hold scissors?
- How do I make? Which materials do I need to use?
- How do I snip and cut using scissors?
- What are the names of different materials?
- How do I join materials together?
- Which tools should I use to make a junk model?

Key Questions

What are the names of the materials?
 How are you going to make ...?
 What are we trying to do?
 Why have you chosen to make?
 I wonder how you could stick those materials together?

Key Photographs



Interesting Facts

Junk modelling helps children develop fine motor skills and hand-eye coordination.

Recycling materials for art projects teaches children about sustainability and the importance of caring for the environment.

Children learn problem-solving skills through experimenting with different materials and constructing their creations

Key Knowledge and Skills

Identify and name different materials suitable for junk modelling.

Explain the concept of recycling and why it is important.

Demonstrate creativity and imagination in creating their own junk models.

Describe their junk modelling creations using basic vocabulary.

Participate in junk modelling activities independently or in small groups.

Reflect on their creations and the process of making them

Important Events and Concepts

1. Introduce the concept of junk modelling and its importance in recycling
2. Explore different materials suitable for junk modelling
3. Discuss the benefits of creativity and imagination in art
4. Engage in practical junk modelling activities
5. Reflect on the process and creations made during the topic

In Reception children will:

- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
- Share their creations, explaining the process they have used.

Key Vocabulary	
Junk modelling	Using recycled materials to create art and crafts.
recycled	Used materials that have been processed for reuse.
construct	Using imagination to create something new and original.
Design	Planning and creating something in a specific way.
imagination	The ability to form mental images or concepts not present to the senses.



Linking Thinking Across Our Learning Journey						
Early Years	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. They represent their own ideas, thoughts and feelings through design and technology.	Begin to make their design using appropriate techniques.	Begin to select tools and materials; use correct vocabulary to name and describe them. Build structures, exploring how they can be made stronger, stiffer and more stable.	Select a wider range of tools and techniques for making their product, such as construction materials and kits, textiles and food ingredients	Select a wider range of tools and techniques for making their product safely.	Select appropriate materials, tools and techniques (e.g. cutting, shaping, joining and finishing accurately). Understand how mechanical systems such as cams or pulleys or gears create movement.	Confidently select appropriate tools, materials, components and techniques and use them. Use tools safely and accurately. Assemble components to make working models.