



St Leo's and Southmead  
Catholic Nursery and Primary  
School

Year  
SIX

## D.T. Knowledge Organiser

Spring  
Term

### Amazing Activity

- Use skills to set up own enterprise.

Can we design and make a soft toy for a younger family member?

### Key Concepts

Which soft toys are most popular with younger children?

What are the safety aspects of designing toys for younger children?

Which textiles and other materials will we use and why?

How will we develop our plans and templates?

Which joining techniques will we use?

Is our product finished to a high standard and how could it be improved?

How would we market our toy if it was manufactured commercially?



### Skills

- When designing and making, pupils should be taught to:
  - 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 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

### Curriculum Links

English—Research and report findings. Write own report.  
Maths—Measure accurately, calculate the cost of fabric and work to scale.

“Nurture, Inspire, Succeed”