

Elton Primary School- Knowledge Organiser

DT Topic: Create a suitable 'fat ball' to feed an owl. **Year:** Year 2 Autumn 2

Prior learning

- Early experiences of working with paper and card to make simple flaps and hinges.
- Experience of simple cutting, shaping and joining skills using scissors, glue, paper fasteners and masking tape.

Knowledge

- That there are a variety of different fat balls available for sale, and that their function is to feed different birds.
- That fat balls are made from different "food" items, including seeds, nuts, suet and even worms.
- That fat balls contain ingredients which appeal to birds, and they are not for humans.
- That when designing a product, we need to have a plan, and that part of the design process sometimes involves changing this plan.

Design Brief

- To be able to design a product based on a design brief
- To be able to measure ingredients accurately
- To be able to create a mock-up and suggest improvements
- To be able to make a product based on a design brief
- To be able to test and evaluate against the design brief.

Vocabulary

Word	Definition
Functional	having a special activity, purpose, or task.
Develop	grow or cause to grow and become more advanced, or elaborate.
Model	a thing used as an example to follow or imitate
Measure	A certain amount
Mock-up	a model or replica of a machine or structure
Linkages	joining one or materials together
Joining	link; connect.
Materials	the matter from which a thing is or can be made
Stronger	powerful and difficult to resist



Research



Think



Design



Create



Test



Evaluate

