



# Linked learning theme: Around the World

Autumn term, Year 3

## Design & Technology – Photo frames

### Prior knowledge

In KS1, children have made different structures with intended users.

### Core knowledge

- Photo frames must have a stand to be free-standing.
- Photo frames are comprised of different parts, including the glass and the stand as well as the frame.

### Key skills

- Investigate and evaluate existing photo frames. Identify what must be included on the design for it to be functional.
- Design own photo frame for an intended audience, including the 'must haves' identified in the research.
- Create an annotated sketch of own design.
- Measure card and select materials to make functional and aesthetic photo frame.
- Evaluate photo frame once finished against 'must have' criteria. Consider how the design could be improved, based on functional or aesthetic aspects.

### Vocabulary

Stand

Evaluate

Design decisions

research

Annotated sketch

Function

Structure

User

Purpose

### Learning Outcomes

- I can evaluate existing products to inform the design process.
- I can record ideas and plan using annotated sketches.
- I can select from a range of materials and components according to their functional and aesthetic qualities.
- I can consider and explain how the finished product could be improved.

