

## Fridge Magnets

Design, make and evaluate a fridge magnet to celebrate travel and transport

*Working towards ...each child makes a fridge magnet using paper, cut out and layered to make a transport shape. Children go through the design process designing and mocking up an example before selecting materials and making a final outcome*

**Links to TOPIC and English Texts—Travel and Transport**



### Prior Learning (skills and knowledge)

Previously, Chn have ...

- Experience of cutting and using scissors to cut outline
- Gluing and sticking on papers
- Experience using different types of papers and materials

They have learnt about...

- Awareness of fridge magnets and their uses

### Possible links to other curriculum areas

- Topic—Travel and Transport Theme
- Maths—Recognise and name 2D shapes
- Art & Design—Use range of [paper] materials
- Science—Chemistry—Describe simple properties of some materials [*magnets—stick; foam—soft; cellophane—see-through*]

### Essential skills

This time Chn will ...

- Follow the Design Process— Analyze> Design ideas> Prototypes> Planning> Making> Evaluation
- Further develop cutting skills, following outline on more complex shapes
- Design and make using prototypes and templates
- Selecting their own materials with a purpose in mind
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### Key content

- Analyse Magnets— What makes a good fridge magnet? Children given range of magnets to comment on and discuss *What is the job of a fridge magnet? What are the features/materials? What does a good magnet look like?* As well as drawing and commenting on their favourite
- Design Magnets— Children draw ideas for a fridge magnet based on a transport / travel theme, magnet is a celebration / gift of a memorable holiday or day out. Children draw and label their ideas, use images / examples to help aid design ideas.
- Paper Examples— Show children example of drawing ideas separating out the different parts, drawing different parts of their magnets on paper before cutting out and sticking on top in layers. Children make white paper model of their idea showing the layering / collage technique for making.
- Planning & Selecting Materials— Children list the different parts of their magnet and use materials list to select the paper material they want to use to make their magnets as well as indicate colours they want to use.
- Make Magnets— Children receive pack with selected materials in it, shapes pre-drawn on materials, children cut out shapes then assemble and layer on shapes to make their magnets. Children add magnetic strip to the back of magnet and can add detail and decoration with pens if they want and can also add on googly eyes.
- Evaluation—children comment on what they have learned this unit, what skill they were very good at and why and also what they would want to do better. Children also comment on how they feel about their final outcome and discuss their thoughts with others

### Key vocabulary to be taught/embedded

Magnet, features, job, papers, holiday, decorate, pictures, colourful, stick, design process, analyse, design, draw, label, prototype, paper model, separate, shape, different, layer, parts, collage, paper, materials, select, foam, cellophane, foil, patterned paper, glue,

### Linked texts

- Forces and Magnets (Fact Cat:Science) by Izzy Howell
- Forces and Magnets (Moving up with Science) by Peter Riley