

SCIENCE

1ST CLASS

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PARENT PACK

Energy and Forces

Project 3

Lighthouse

TASK:

Design and create a working lighthouse using recycled materials.

CRITERIA:

- It must be at least one metre tall.
- It must have a torch that can be turned halfway around the lighthouse to shine light for passing boats.
- It must be painted using bright colours and decorated using reflective materials.

SUGGESTED MATERIALS:

- recycled materials
- torch
- metre stick
- paint
- reflective materials



Energy and Forces

Project 3

Lighthouse

- Find out about different lighthouses and how they work.
- Plan and draw a diagram of your lighthouse. Label the materials you will use to make each part.
- Collect the materials you will need, including recycled materials, a torch, a metre stick, paint and reflective materials.
- Create your lighthouse to look like your plan.
- Check that your lighthouse meets the criteria.
- Give a presentation, explaining how you made your lighthouse and how lighthouses help sailors to see where they are going in the dark.

