

Design & Make Assignment

Design & Make your own Famine Ship



Objective: *Design & make a boat based on the designs of the original Famine Ships*

This project covers the following;

- **History:** *The Famine/ Working as a Historian/ Using Evidence/ Synthesis & Communication*
- **Science:** *Design & make/ Forces/ Materials/ Investigating/ Experimenting*
- **Maths:** *Measurement/ Shape & Space*
- **Visual Art:** *Construction/ Fabric & Fibre/ Drawing*
- **English:** *Oral Language/ Writing/ Researching/ Reporting/ Synopsising/Creativity*
- **ICT:** *Research, site search & filter information/ Summarise and synopsis/ Digital imagery access/ Word processing*

Criteria: *You need to;*

- Use a min. of 3 types of recyclable/reusable materials to create your ship. See suggestions below.
- Ensure that your ship can float on a body of water, such as your bath. To do this, consider the materials you are using to construct your ship. To prove this, you must include a photo in your project of your ship floating in your bath.
- Using your ICT skills & library research, access images and information on original Famine ships. You must write a 100 word (min) report on the research you have completed, describing key aspects of the Famine ships and naming at least one famous ship. This can be typed or written very neatly.
- Produce two designs that include diagrams, labels & explanation. The first plan must be presented by Thursday 15th showing your plan before you begin your project. The second plan must illustrate changes that were made and must be presented by Wednesday 21st March.
- Keep a 5 day diary, recording the work you have done over at least 5 days. Use template provided.
- Remember to name your ship
- Decoration & visual presentation will get extra credit. Passengers can also be included!!

Timeframe:

- You have 11 days to complete this project starting on Monday 12th March and exhibiting your project on Thursday 22nd March.
- You must complete a 5 day diary to illustrate that you actually worked on your project for 5 of these days.
- Complete first diagram by Thursday 15th March & second diagram by Wednesday 21st March

Materials can include;

Buttons	Tin cans	String	Shoe boxes
Cotton swabs	Paint	Lollipop sticks	Marla
Bamboo sticks	Matchsticks	Cardboard	Elastic bands
Wood	Glue	Plastic	String
Milk cartons	Duck tape / Cello tape	Pringle boxes	Nails
Ribbons	Screws	Bottles	Thumb tacks
Straws	Blu-tack	Bubble wrap	Tinfoil

Project Checklist; Have you completed the following?

- My Report on my research of Famine Ships
- 2 labelled diagrams of my designs before and after construction
- Photo of my ship floating in a body of water
- 5 day diary recording tasks completed
- My Famine Ship construction
- My Ship's Name

****Parents, this project intends to develop independent study essential to second level. Children can be encouraged, assisted and guided but the design, drawings, records and ship should be produced by the child themselves. Remind your child to keep it simple!!***

For sample photos of a similar project on designing boats completed in Co. Cork, please see <http://kieranmccarthy.ie/wordpress/?p=6722>



Design & Make your own Famine Ship
Daily Diary/Record of Work completed

Day 1

Day 2

Day 3

Day 4

Day 5

NAME: _____