

## Primary School Worksheets Our Boat Show Visit

### Aim of the worksheets

To give purpose to a visit to the Boat Show by using task sheets that will develop skills in teamwork, planning, researching and communication.

The worksheets can be used just at the show or as a starting or mid-point of a larger project covering key curriculum areas

### Focus of show activities from Key Stage Two Programmes of Study

#### *Design and Technology*

- *Communicate design ideas in different ways as they develop, bearing in mind aesthetic qualities, and uses and purposes for which the product is intended*
- *Recognise that the quality of a product depends on how well it is made and how well it meets its intended purpose.*
- *How the working characteristics of materials affect the ways in which they are used*
- *How materials can be combined and mixed to create more useful properties.*

#### *Scientific Enquiry*

- *Use a wide range of methods, including diagrams, drawings, tables etc to communicate information in an appropriate and systematic manner.*

#### *English*

- *Identify the gist of an account or key points” and “evaluate what they hear” and “respond to others appropriately, taking into account what they hear:*
- *Make contributions relevant to the topic and take turns in discussion*
- *Vary contributions to suit activity and purpose.*
- *Qualify or justify what they think, after listening to others questions or accounts.*

### The Worksheets (print on A3)

#### **Water Park**

A fact finding mission to support a school based project

Focus of communication through Design and Technology and English

Pupils work in a team to find out about entry level Watersports, small sailing boats, canoes, rowing boats, wind surfers etc

They then plan how these could be used at a fictitious location giving scope for drawing and planning

Communication skills can be extended by requesting a persuasive letter with supporting information to a local council or community group

#### **What Boats are made from?**

A self contained show activity in finding information about different boat types and the materials they are made from, which could be then used to produce a wall display back at school.

#### **Boat Types**



A simple entry level

**Our Boat Show Visit – Water Park Project –Part 1**

worksheet where pupils find out about the different types of boat and put them into categories of end use



You feel that there are not many things in your area for children’s sport, but there is a park with a lake which is unused, where you and your friends think it would be a good idea to have a Watersports centre. In order to do this, you must persuade the town council to invest money into your development plan, and the local people that it is a good idea.

During your trip to The Boat Show, have a look at the stands concerned with the Marine Leisure industry.

Make a list of activities which may be suitable to be done on your Lake. Don’t forget to look at related industries which are relevant ie safety equipment in order to do this activity and suitable clothing to wear.

Watersports Activity	Type of equipment required	Approximate cost per boat type	Safety Equipment required	Clothing suitable for activity



## Our Boat Show Visit – Water Park Project –Part 2

### Task

In groups of three or four, write a letter to your local town council expressing your proposal for the development and try to persuade and convince them that it is a good idea. Your letter must include the following information:

- Why you think the lake needs to be developed for the use of children
- Some of the activities that would be most suitable for your lake
- What sort of equipment would have to be bought and what sort of cost per unit
- How you would make these activities as safe as possible for the users
- How this development would benefit other people in the community besides the school children.

Produce a plan of your lake. In your groups, choose three or four Watersports activities and draw up your plans for them on your draft copy of your map. Include a key if necessary and as much detailed information and as many explanatory notes as possible of what would be required, on and around the lake to make it work



## Our Boat Show Visit -What Boats are made of? Part 1

Boats and Water sports equipment has to be suitable for use as well as looking good, easy to cleaned, last a long time, and be safe. This means it has to be designed well and be made using materials and processes of manufacturing that are appropriate.

### Task

You are to find out the different types of materials used in boat construction while you are at the boat show. Using the table below make a list of the different types of materials that can be used for the different part of boats:

Part Name	Type of boat and materials used				
Hulls					
Decks					
Masts					
Engines					
Ropes					
Sails					
Fittings					



## Our Boat Show Visit -What Boats are made of? Part 2

Look back at your table, then with your partner choose a boat from your list.

Using the internet and books, find out as much as you can about your chosen boat type i.e. list of parts, what it is made of, how it is used, how it is powered etc.

Make a poster explaining what it is made from for other people to see



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## Our Boat Show Visit –Types of Boat

### Task

- List as many different types of boat as you can think of
- Talk to your partner and add theirs to your list
- Try to put the boats in to categories according to what they are used for i.e. for work or pleasure etc.
- List all the parts of a boat you can think of.
- List the features/things all boats must have. For example, all boats must have a hull, but only sail boats need a sail etc.

**List of Boat Types:**

**Boats for pleasure:**

**Boats for work:**

**List of boat parts:**

**List of parts all boats have in common:**

