

[] Do you recycle at home? Keep a diary or a table to record all the recycling you do at home. What do you recycle most of card, plastic or glass? Could you create a bar chart to show this data.

[] Visit a library and find books about either materials and their properties or recycling. Bring them into school to share with your friends.

[] Visit a recycling centre. Take some photographs of you recycling materials and bring them in to show us.

[] Discover how much water you and your family use at home. How could you decrease this? Talk to your family about ways you can reduce your water.

[] Make your own compost using the left over fruits and vegetables. Could you then use this to grow your own?

This is where you can write down your own project ideas:

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# Learning Log

## Using and Recycling

### Materials



Year 2

Autumn Term

For our next unit of work we will be titled:

## "Using and Recycling Materials"

This will encompass many aspects of the curriculum but its main focus is around science. Children will learn about materials, properties and uses of materials and recycling.

This booklet contains a list of activities linked to our learning in the classroom. Pupils can choose which activities they would like to complete (they do not need to be completed in the order presented here), They may do as many activities as they would like over the course of the term and record them in their new "Discover Homework" book. Children will be rewarded for every piece of work they complete.

These tasks will draw on a range of skills including ICT, Literacy, Numeracy, Music, Drama, Art, Science and Design and Technology skills.

Children are also encouraged to create their own ideas for projects, there is space to record these on the back page of this booklet.

Suggested tasks and activities (tick when completed):

Go on a material hunt around your house. List objects that fall into the categories of: Wood, Fabric, Plastic, Glass, Metal"

Describe the feeling of objects which fall into these categories

Gather a range of these objects: playdough, rubber band, sponge, sock, pipe cleaner, drinks can, bath towel.

Find out which of them can: bend, squash, twist, stretch. Can you record your findings in a table?

Find materials in your house that you think might be waterproof. With adult permission, test them out. Which did you find would be the best material for an umbrella?

Create a recycling piece of art work using old wrappers, crisp packets and other materials.

Design and create a musical instrument using materials which can be recycled. Write a set of instruction on how to make your instrument and how to play it.