

### Marvellous Machines

Watch this episode of 'Maddie's Do you Know?' on iplayer. It is about recycling glass and making jam.

<https://www.bbc.co.uk/iplayer/episode/m000hs1w/maddies-do-you-know-series-4-10-glass-recycling-and-jam>

#### Glass:

What can you find around your house that is made of glass? Can you find out more about how different things are recycled? Can you design your own recycling machine?

#### Jam:

What is your favourite sort of jam? Find the ingredients list and see what is in it. Have a go at making your own fruity concoction - you could have a go at making jam with your grown-ups or maybe a delicious smoothie. See if you can make an illustrated recipe for what you made or write a review. Maybe you could design a jam machine to make your favourite sort of jam.

## Messy

### Inventions

#### Playdough Sensations

Have a go at making your own sensory playdough.

<https://theimaginationtree.com/10-natural-play-dough-recipes/> Try out some different ideas of smells or textures to use in your playdough. What do you like best? What smells the nicest? What feels the best? What can you make with your playdough? Instead of using cutters with your playdough, have a go at inventing creatures by shaping them with your hands and adding googly eyes, sticks, pebbles, leaves and flowers to decorate them. Invent some names for your creatures and some information about them.

### Rolling Paintings

You will need:

A tray or shallow box  
Paper that fits in the tray or box  
Paint  
Marbles

Put your paper in the box. Dip a marble into paint and put it on the tray. See what patterns you can create by rolling the marble around. You could use several marbles of different colours at once.

A different way of doing a similar painting is to roll your toy cars in paint and then drive them around your paper to create different patterns.

### Cooking Machines

Have a look around your kitchen for the different machines that help us to prepare food. Perhaps you have a blender, a food mixer or a whisk. Work with an adult to have a go at doing some cooking using a piece of kitchen technology that you have not used before. What will you make? How does that equipment work? What do you need to do to keep safe?

### Getting Muddy

Have a go at mixing some fantastic potions outside with mud, leaves, sticks, petals and other things you find. You might mix them in a bucket, or, if you are in the woods, you might find a natural bowl in a hole in a tree stump. You could think about how you want to present your finished recipe - perhaps presented beautifully on a plate or a large leaf or with a recipe explaining what is in it. Do your mud recipes change when you add different amounts of water? Can you make the perfect mud mixture for creating a pancake? Or for keeping the shape of a cake tin or bucket? What is the best way of decorating your creations?

### Making a Road

Watch this clip about how roads are made.  
<https://www.bbc.co.uk/bitesize/clips/z7fnvcw> See if you can find out more about John MacAdam or about how people make new roads today.

### The Empty Box

What other messy things could you find out about?

## Reception Blackbirds Maths and Literacy - 18th May 2020

**Maths** - Please try and practise some maths everyday. Daily lessons and activities can be accessed through White Rose Maths Home Learning and BBC Bitesize. You can use the following links:

<https://whiterosemaths.com/homelearning>  
<https://www.bbc.co.uk/bitesize/dailylessons>

Or you could look at some of the following learning and activities around time.

- Draw and label some pictures of things you do in the morning, midday, afternoon and evening.
- Make your own clock out of card/paper or a paper plate and practise making some o'clock times.
- Play "What's the Time Mr Wolf?"
- See if you can remember your days of the week. What order do they go in? Can you say what day it will be tomorrow? Can you say what day it was yesterday?
- Look at a calendar with a grown-up. Can you see the different days of the week and months of the year? Can you find the month you were born in? When is your birthday?
- Look around your house and see how many different ways of measuring time, you can find. Can you find a clock? ...a watch? ...a timer? ...a sand timer? ...a stopwatch? What are these things used for? What numbers can you see? Take some photos or draw a picture of some different ways to measure time.

**Literacy** - Please try and practise phonics everyday. Daily lessons can be accessed through Letters and Sounds for Home and School and BBC Bitesize. You can use the following links:

<https://www.wandleenglishhub.org.uk/lettersandsounds>  
<https://www.bbc.co.uk/bitesize/dailylessons>

Phonics activities, games and worksheets can be found on the Twinkl and Phonics Play websites.

Or you could try some of the following learning and activities:

- Over these two weeks see if you can learn the sounds er ar and or. See if you can read and write some short words which use these sounds like car park farm term her letter for fork born. Don't forget to practise ones you already know as well.
- Get an adult to help you write a list of short words which use some of the digraphs (sounds made up of two letters like ar or ch) you already know. Use a timer and see how long it takes you to sound out and read the list of words. Can you have another go reading the same list and beat your score?

**Reading** - Make sure you have a go at some reading everyday, share stories, read books, try learning some tricky words like *we me she be he all I*.