

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.

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?

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.

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.

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?

The Empty Box

What other messy things could you find out about?

Year 1 and 2 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.

- Have a go at making your own clock out of paper/card or a paper plate. Can you make the minute hand longer than the hour hand? Do your hands move round the clock?
- Practise reading and making o'clock and half past times, once you are confident with these move onto quarter past and quarter to times. There are lots of things on Twinkl.com to help with this or you could use a clock you have made.
- Find out how many seconds there are in a minute, how many minutes there are in an hour and how many hours in a day.
- Use a stop watch or a timer to see how many times you can run round the garden (or another activity of your choice) in a minute. Can you cover the timer and guess when a minute has passed?
- Try some word problems involving time such as "Ben went to the shops at 2 o'clock and he got home at 3 o'clock. How long was he at the shops?"

Literacy - Please try and practise some spellings, grammar or 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:

- Look at the vowel sounds /oa/ and /ue/. Make sure you know these sounds and that you can read and write some words which use these sounds (see handout). If you know these sounds, make sure you also know other ways to spell them (see handout). Can you read and write some words for these alternate spellings? **Phonics activities, games and worksheets can be found on the Twinkl and Phonics Play websites.**
- Have a go at the question mark, exclamation mark and full stop activity. Can you explain when we need to use these punctuation marks? Maybe you could make a poster to help others or write some instructions or rules for using these punctuation marks - ! ? .
- **Reading - Make sure you read something everyday...a story, a recipe, some instructions, or maybe a comic.**

Year 1 Spellings	Year 2 Spellings	Phonics - sounds	Phonics - words
<p>for short born horse morning more score before wore shore</p>	<p>station fiction motion section option subtraction national addition potion introduction</p>	<p>oa ow o_e ue u_e ew oo</p>	<p>Goat boat foal road show snow flow home hole mole Blue true glue prune rule rude chew new moon food</p>