

**Please send us pictures of your
amazing work we would love to
see all your creativity and hard
work!**

Year2help@stopasley.primaryluton.co.uk

Bird watching activity – Can you have a go at making some birds and spotting them through your hand made binoculars? <https://www.saga.co.uk/magazine/home-garden/gardening/wildlife/winter-garden-bird-spotting>

To begin with, have a go at drawing some birds most commonly spotted during the winter.

You could use:

- Paper or card
- Coloured pencils/ felt tips
- Tissue paper and glue
- Glitter



Once completed have a go at spotting some of the birds you have drawn with the binoculars you have made.

Now have a go at creating your own pair of binoculars using recycled items within your home.

You may need the following materials:

- Toilet paper/kitchen roll tubes
- Scissors
- Sticky tape/ Glue

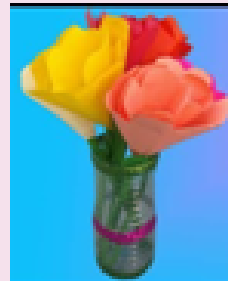
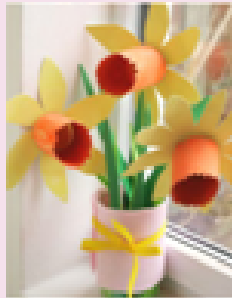
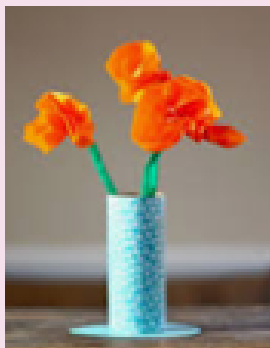


Instructions:

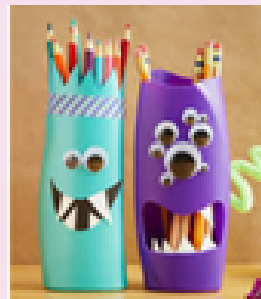
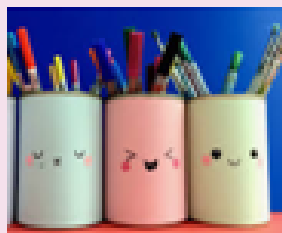
1. Gather any materials you wish to use to make your binoculars
2. Attach two rolls/ tubes together in place using sticky tape, glue, string or a stapler
3. Add some string to the top of your binoculars
4. Decorate your binoculars (you may wish to use coloured pencils, stickers, paint etc)
5. Begin bird watching

Junk modelling - Have a go at making flower vases or pencil pots using items around your home (get creative)

Examples of flower vases:



Examples of pencil pots:



Items you may want to use are:

- Straws
- Cereal boxes
- Empty toilet rolls
- Plastic bottles
- Foil
- String
- Tissue paper, plain paper, card
- Felt tips, colouring pencils
- Paint, glitter

Modelling Clay- Can you have a go at designing your own modelling clay sculpture?

1. Measure out the ingredients you will need



You will need:

- Flour (3 cups)
- Water (1 cup)
- Salt (1cup)
- Food colouring

2. Mix all the ingredients together in a large bowl

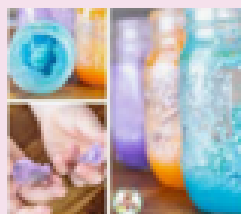
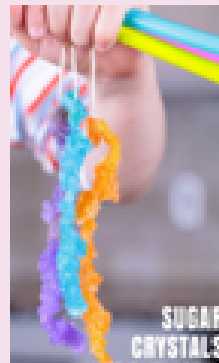


3. Bind together and begin your modelling clay sculpture



Sugar crystals - Have a go at growing your very own sugar crystals over the course of a few days (**ADULT NEEDED**)

1. In a pan boil together sugar and water stirring constantly (Make sure sugar solution is not over heated and all sugar is dissolved)
2. To the sugar solution you can add food colouring and flavouring (lemon extract)
3. Set the sugar solution aside to cool (ensure it is slightly cooler than room temperature)
4. Tie the string to a pencil, knife, or another object that can rest across the top of the jar. While the sugar solution is cooling, prepare your string (You want the string to hang into the jar, but not touch the sides or bottom)
5. Soak the string in the syrup and then hang it to dry, which will cause crystals to form naturally ('seeding')
6. Once your solution has cooled pour it in to the clean jar
7. With the seeded string, suspend it in to the jar with the solution
8. Set jar aside and cover with a paper towel to keep the solution clean
9. Allow the crystals to grow for 3-7 days. Ensure you check on them to see how they grow but do not disturb them



You will need:

- 3 cups sugar (sucrose)
- 1 cup water
- Pan
- Stove or microwave
- Optional: food colouring
- Optional: 1/2 to 1 teaspoons flavouring oil or extract
- Cotton string
- Pencil or knife
- Clean glass jar

Make a Volcanic Eruption: OUTDOOR

Instructions

1. Mix the vinegar, water, dish soap and food colouring together



2. Add this to the empty bottle



3. With a spoon mix baking soda and water together to make baking soda slurry



4. **ERUPTION TIME!** Pour the baking powder slurry in to the bottle and quickly step back



Things you will need are:

- Dish soap (10ml)
- Cold water (100ml)
- White vinegar (400ml)
- Food colouring

Baking soda slurry (fill a cup about $\frac{1}{2}$ with baking soda, then fill the rest of the way with water)

- Empty 2 litre bottle

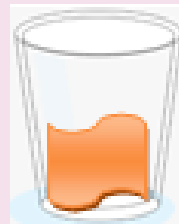
NOTE: This should be done outside due to the mess.

Make a Volcanic Eruption: Indoor

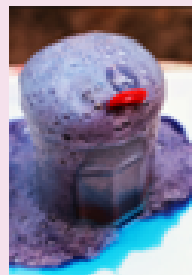
1. Add baking soda and food colouring to one cup and mix



2. In another cup fill half with vinegar



3. Pour vinegar in to the bicarbonate of soda and watch the chemical reaction happen



Things you will need are:

- Vinegar (400ml)
- Food colouring
- Baking soda
- 2 cups

Year 2 email address:

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Bird watching link:

<https://www.saga.co.uk/magazine/home-garden/gardening/wildlife/winter-garden-bird-spotting>

