



Dear Year 5 Parents,

Our topic this half term is 'Allotment'.

As you know we are setting daily tasks on PurpleMash for the children to complete as well as the White Rose maths videos and activities. If your child would like additional activities to complete, please choose from any of the activities below.

## **Maths**

- Continue to learn all times tables up to 12 x 12, using the following website: [timestables.co.uk](http://timestables.co.uk), [mathsbot.com](http://mathsbot.com)
- Various maths activities and games from <http://www.crickweb.co.uk/Key-Stage-2.html>
- Various maths activities and games on [www.transum.org](http://www.transum.org)

## **Literacy**

- Recap spellings and year 5/6 statutory word list found on the government website.
- Continue to read with your children and use the following questions as prompts: [https://www.literacyshedblog.com/uploads/1/2/5/7/12572836/ks2\\_reading\\_vipers.pdf](https://www.literacyshedblog.com/uploads/1/2/5/7/12572836/ks2_reading_vipers.pdf)
- Here are a list of age appropriate reading books that your child may wish to peruse that they can read for the book challenge <https://www.booktrust.org.uk/booklists/1/100-best-books-9-11/>
- Vocabulary work: Continue to develop your child's vocabulary by having a word of the day. This ideally would come from something that they have read, as then they are reading and understanding a word in context. Encourage your child to look it up in a dictionary, look up antonyms (opposites) and synonyms (words that mean the same thing). Aim to use it several times throughout the day. A helpful template for this sort of activity can be found at <https://www.vocabularyninja.co.uk/vocabulary-laboratory.html> Alternatively, check out the Vocabulary Ninja KS2 words of the day <https://vocabularyninja.files.wordpress.com/2017/08/ks2-word-of-the-day-free.pdf>

## **RE**

- The meaning of Sin and Reconciliation
  - Discuss the difference between deciding to forgive and feeling like forgiving.
  - What did Jesus mean when he said 'Forgive not 7 I tell you but 70 times 7?'
  - Jesus shows us how to forgive – Look up these verses in the Bible and discuss how they link to reconciliation: Lk22: 39-62 , Lk 23:34, Lk23 42-43
  - Create a PowerPoint of your own collective worship- it should contain 5 slides
    - 1. What is your theme? Love, Friendship, Forgiveness, Courage, Faith, Family, Charity
    - 2. Choose a Bible story or quote which fits the theme

- 3. Choose a song from YouTube which is also about your theme
- 4. Write a prayer of reflection about the theme
- 5. Go Forth- What should we do now that we have heard your Good News

## **Science**

### **Activity 1**

- Research different mini-beasts that might be found in a typical English garden. Categorise them into 'friend' or 'foe' according to which ones gardeners might want to have in their gardens. This could be done in a Venn diagram. Explain why they are beneficial or harmful to plants. (These animals/minibeasts could include: frogs, slugs, ladybirds, birds, aphids, bees, wasps, worms, greenfly, spiders, flies, butterflies, ants, a squirrel and beetles)
- Create a PowerPoint or poster presentation that you could share with a group of amateur gardeners about which creatures are friends and which are foes. Is there any way to encourage or discourage these from entering the garden? What is biological control?

### **Activity 2**

- Create a birdfeeder using lard, seeds and nuts (plenty of recipes online). Observe the different birds that enter the garden and record the data. (Use Purple Mash or other software to record it)

### **Activity 3**

- Now is more important than ever to teach our children to be resourceful and sustainable. You could encourage your child to plant an entire vegetable patch if possible! Research how best to look after their crop. Tend to it and observe changes over time.

## **Art and D&T**

### **Activity 1 – Design / Technology**

Children in KS2 should learn to cook a range of savoury dishes using a range of techniques. Where possible, involve your child as much as you can in the cooking process at home. Have a go at the following

- Soups containing lots of vegetables are great, as children will need to peel and prepare vegetables, as well as using a range of cooking techniques. Check out the BBC Good Food website for a range of recipes.
- Vegetable pasta sauces and Bolognese sauces
- Homemade pizza recipes, where you make the sauce from scratch

## **Activity 2 - Art**

Make observational drawings of a range of plants, fruits, leaves, flowers, seeds and bulbs using a range of soft graphite or coloured pencils. Encourage the children to cut into the fruits and vegetables to create a range of compositions. Look closely at where the light falls, and therefore shade the side opposite. (Children may have already done this in class by the time these links are sent out, however, the year group are passionate about art and drawing so may enjoy doing this activity again)

<https://www.youtube.com/watch?v=u9w-pgzM3vo> carrot drawing video

<https://www.youtube.com/watch?v=FdWlYw4I93U> peas in a pod

## **Activity 3 – Art**

Look up the works of Giuseppe Arcimboldo.

<https://www.giuseppe-arcimboldo.org/>

- Have a go firstly at copying one of his images
- Secondly, have a go at a self-portrait or portrait of somebody else, using spring time fruit, vegetables and flowers for their key features.

## **Geography**

- Use a map of the local area (possibly a print out of a map) to plan a route from school to the nearest farmer's market/farm/pick your own fruit and vegetable farm (such as Parkside Farm on Ferny Hill). Note down any key landmarks that may be passed on the way, such as churches, statues etc.

## **Computing**

- Scratch- download Scratch2 online coding  
<https://scratch.mit.edu/download/scratch2>
- Design an online survey on purple mash to find out how many people in our class grown their own fruit and veg. Present the data using Purple Mash or other software (such as word or excel) on the blog.
- Online Safety: <https://content.lgfl.org.uk/secure/ouronlineworld/>

Other websites with excellent resources across the curriculum are:

<https://www.bbc.co.uk/bitesize/levels/zbr9wmn>

<https://www.educationquizzes.com/ks2/>

### **Recommended Reading list for this topic**

- The Secret Garden (Vintage Classics), Frances Hodgson Burnett
- Return to the Secret Garden, Holly Webb
- The Promise, Nicola Davies
- 50 Recipes for kids to cook, Judy Williams
- Producing Fruit (The technology of Farming), Lori McManus
- Plants, (Moving up with Science), Peter Riley
- Plants (Earth Cycles), Sally Morgan,
- Usborne Gardening for beginners, Abigail Wheatley and Emily Bone
- I love this tree, Anna Claybourne,
- Growing Veg & Fruit ( A little course in...), DK
- The Giving Tree, Shel Silverstein
- Nadiya's Bake Me a Story, Nadiya Hussein