

# Year 5

## Summer 2 Curriculum

What's happening in Year 5 this half term?

### BIG MATHS

#### MATHS

During this half term, Year 5 will be covering the four operations which will allow the children to apply the skills taught during the CLIC in BIG MATHS. In order that the children build confidence and develop speed when using their times tables knowledge, we would ask you to seize opportunities to practise and learn both multiplication and division facts, in real life situations. **It is essential that the children learn the weekly facts that they have as homework from their maths teacher. This half term we will be focusing on the 3 and 6x tables.** We will also be teaching outer maths as part of our **Allotment** topic where we will be calculating the distance travelled by some typical meals before ending up on a plate and recording the data on a spreadsheet. The school continues to subscribe to MyMaths and each child has a personal login where they can access any homework set each week, as well as explore a range of other areas.

### LITERACY/TOPIC/SCIENCE

The title of our Imaginative Learning Project this half term is **Allotment**. In literacy we will look at a range of genres and text types such as: poetry, instructions and science-fiction descriptions. There will be a particular focus on children using correct grammar and punctuation and understanding how changes can enhance meaning. Children will be encouraged to think carefully about how they can use vocabulary for effect as well as presenting their work neatly through the use of fluent and legible handwriting. The children will continue to develop their writing skills through the use of the Writing Codes and we will continue to develop our phonological awareness through the 'Get Spelling' programme.

In science the children will be planning a scientific investigation in order to explore the germination rate of seeds in four different conditions, find out which fruits and vegetables can be planted in the current season, plant a tree and flowers in the school grounds and then observe and monitor new plant growth throughout the topic. They will learn how to care for developing seeds, explore and dissect a flowering plant to identify the structure and key features of the plants' reproductive parts, research different pollinators and their role in pollinating the flower and its life cycle and look at minibeasts and larger creatures found in a common UK garden.

In geography, the children will visit an allotment and then identify other allotments in the area and use maps, plans and aerial photographs of the school grounds to agree on the best place to plant trees and bushes. They will research the hemispheres that different fruits and vegetables originate from and explain why those conditions are needed for them to grow. They will find out

how many different types of farming are in the UK using web-based maps, carry out a case study into a specific farming practice in the UK, considering how geography can influence this, and use software to make a map showing the route from the school to the nearest farm or allotment.

In art and design technology, we will make a tasty salad using food from the Farmer's Market, make observational drawings of fruits and vegetables and then use a magnifying glass to develop these, creating work based on the style of Georgia O'Keeffe and make large-scale flower heads using wire formers, layers of tissue paper and PVA glue.

#### PHYSICAL EDUCATION

Throughout this term, children will continue to work with our specialist sports coach on a Wednesday developing their team skills. Weather permitting, this session will mainly take place outside, so in addition to their normal PE kits of yellow T-shirt and royal blue shorts children may wear, black/blue jogging bottoms, sweatshirts and trainers. On Thursdays (5C and 5V) or Fridays (5N) (whenever possible) the children will participate in tennis and activities linked to **Allotment** led by their class teacher. Sports Day will be on Wednesday 22<sup>nd</sup> June. Please ensure your child has the correct P.E. kit (particularly ensure your child has pumps that fit) and if it is hot, ensure protective measures are taken e.g. hat, sun cream. **Ear-rings must be removed and long hair tied up for both sessions. Please ensure your child has the correct kit in school at all times.**

#### HOMEWORK

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| MONDAY    | Please listen to your child read and write in their record book.  |
| TUESDAY   | Your child will be set Maths homework.  |
| WEDNESDAY | Spellings once a fortnight.   |
| THURSDAY  | Please listen to your child read and write in their record book.  |
| FRIDAY    | Children will be asked to use their Literacy Skills to support their Literacy/Topic homework.<br>Your child will be set 'Learn Its' Maths homework. |

#### READING RECORD

Please record when you hear your child read at home and indicate when they have finished and discussed the book by writing END or FINISHED. Please remember to tally the amount of books your child has read. Thanks for your co-operation and support,  
Mrs C Vann, Mrs S Collins and Miss Nehaar