

## Lower KS2 Half Termly Curriculum Overview

### Year 4 2016/2017- Summer 1

Dear Parents,

I hope you had a lovely Easter, and a relaxing week off. As we head into the summer term, I am looking forward to more frequent opportunities to get out into the school's fantastic grounds for some outdoor learning across the subjects. I am pleased to provide you with information about what the children will be covering in the different topics. We are continuing with the new curriculum this academic year. If you wish to know more about it visit the DfE website, the school website or speak with me. Kind regards, Mr Coppenhall.

#### Catholic life of the school

On a Monday afternoon, we start the week by gathering together to reflect on the week ahead and pray together. On Wednesday, we join together as a Key Stage for collective worship. Each Thursday at 2.45pm, we hold a Celebration Assembly, when we celebrate the achievements of children from each class with parents.

In class the children will continue to plan and lead Collective Worship on Tuesdays, Thursdays and Fridays.

During the half term each class will join with the parish to celebrate Mass. Please look out for further information on the weekly newsletter or on the school website.

This term we are looking forward to the May Procession when we crown the statue of Our Lady. Later in the term, we will take part in the annual Walk of Faith when local schools and churches come together to celebrate Padgate Walking Day.

Also our Year 4 children will be receiving the Sacrament of Holy Communion in May and then celebrating this special time with all of the school on St Peter's and Paul's Celebration Day later in the term. Please keep the children in your thoughts and prayers at this special time.

The Wednesday Word is available for every child to take home every Wednesday. Please look out for this and share it with your child. Additional copies are available at the school office. All of the little red Mission Together boxes should now be returned to school. Thank you for your support in our 'Children helping Children.'

#### Healthy School Initiative

As part of the healthy school initiative, we will continue to encourage the children to be active at playtimes. Children will be encouraged to drink water throughout the day; therefore it is important that the children have their bottles in everyday! It makes it easier for the children if the bottles have a sports top, as it would prevent any unnecessary spillage.

Healthy snack days will continue to be Monday to Friday and the children will be given the opportunity to eat their snacks during morning playtimes.

#### Information and dates to remember:

Mon 24<sup>th</sup> Apr - School opens

Mon 1<sup>st</sup> May - Bank Holiday, school closed

Mon 8<sup>th</sup> May - Year 6 SATs week begins

Sat 13<sup>th</sup> & 20<sup>th</sup> May - Year 4 Holy Communion

Thurs 25 May - May Procession, 2.15pm

Fri 26<sup>th</sup> May - School closes for Whit half term

#### Homework information

- **English homework** will be given out on a Friday and is to be handed in the following Tuesday.

- **Spellings** will be given out on a Tuesday and tested the following Monday, in addition to a focus on the children embedding their spellings into their written work.

- **Maths homework** will be given out on a Tuesday and is to be handed in on Friday of the same week.

- **Reading** Each child should read for a minimum of 15 minutes per night and complete their reading records.

#### Concerns and messages

If you have any concerns or problems, please do not hesitate to come in and see me at the end of the school day.

Any messages in the morning must be left with a Teaching Assistant on the Junior gate and they will be passed directly to me that morning.

**Year 4**  
**General Class**  
**Information**

**Big Maths**

The children will continue to complete a weekly 'Big Maths' assessment and will be assessed at the end of the half term on their progress.

Each child will continue to keep their Big Maths files in their book bags so that they can share their assessments with you and work on the types of questions that they find more challenging. The children will continue to split into smaller groups and work with a Big Maths teacher once a week.

We will also be continuing to focus on learning our times tables and be rewarding with bronze, silver and gold stickers on our tables charts.

Please encourage your child to use their Maths skills at every opportunity.

*Remember we are going for green!*

**Reading**

In line with our school policy the children will develop their reading in class throughout the week through shared reading and guided reading sessions and I shall be monitoring their reading progress carefully each week with my own records.

The reading records are for parents to record your child's reading at home. We ask all our children to read for 15 minutes each night. Although I will be keeping my own record of your child's reading progress it would be really helpful if you could make comments in your child's reading record book each time they read, to let me know how they have coped with a book at home. Our class reader for this half term is 'Henry's Freedom Box' by Ellen Levine.

Home reading records are checked and once a week their home reading is acknowledged and a target will be highlighted in the book.

If your child reads any other reading material as well as their reading book from school please also make a note of it in their reading record. The home reading record is also a good way to make contact with me if you wish to send me a message and cannot get into school.

This year as part of our new 3 year Improvement Plan, we are particularly focusing on 'Reading'. As well as our reading activities in class, we ask that in addition to hearing your child read, you share books and read to them and explore the pleasure of reading with your child.

**The school continues to run an early doors reading club (£2) 8am - 8:45am each morning. Open to all!**

**Grammar Hammer**

The children will continue to complete a 'Grammar Hammer' assessment every two weeks and will be assessed at the end of the half term on their progress.

Each child will continue to keep their SPAG folders (Spelling, Punctuation and Grammar) in their book bags so that they can share their assessments with you and work on the types of questions that they find more challenging. The children will be focusing on different grammar aspects each week.

The children will also be focusing on incorporating their grammar knowledge within their own writing and demonstrating good use of spelling knowledge. Continual writing assessments will focus upon: neat joined handwriting, grammar within writing, spellings and knowledge of different writing genres.

Please encourage your child to use their folders to practise the areas of Grammar at every opportunity.



**RE - Summer term topics****New Life**

This topic will allow the children to explore how people can receive new life from God, and look at examples from the bible.

**Building Bridges**

The children will be learning about relationships and how God can work through any difficulties that can happen within relationships. They will also be exploring their own relationship with Jesus.

Please read the RE Newsletter on the school website for further information.

**Science- Electricity**

- Identify common appliances that run on electricity and explain why it is needed for their purpose.
- Construct a variety of different circuits, identifying the basic components.
- Work scientifically by investigating different factors that can affect a lamp's brightness in a circuit.
- Recognise how a switch can contribute to the practicality of a circuit and the different components that can act as a switch.
- Recognise some common conductors and insulators, as well as associating metals with being good conductors.

**English****Reading**

- Use dictionaries to check the meaning and spelling of words.
- Continue to listen to and discuss a range of fiction, non-fiction and reference books.
- Read, listen to and discuss a range of traditional poetry.
- Discuss words, phrases and uses of grammar that capture the reader's interest and imagination.
- Read a variety of texts each day including books, newspapers and leaflets.
- Understand what they have read, in books independently, by:
  - Checking that the text makes sense to them, explaining the meaning of words in context, asking questions to improve their understanding of a text.
  - Retrieve and record information from non-fiction and participate in discussion about both books.

**Writing**

- Use organisational devices e.g. headings, sub headings, bullet points and lists.
- Compose and rehearse sentences orally, building a rich vocabulary and a range of sentence structures.
- Assess effectiveness of their own and the writing of others, and look to suggest ways of 'up-staging' it.

**Grammar and punctuation**

- Vary sentence structure by expressing time and cause using conjunctions, and prepositions.
- Correct use of past and present tense.
- Revision of apostrophes to mark contracted forms in spelling.
- Lists, bullet points, headings and sub headings to aid presentation.
- Continue to improve verbs using adverbs to aid interest.
- Develop use of interesting adjectives to aid impact.
- Consistently use paragraphs appropriately.

**Spelling**

- Work through the stage four spellings and apply them in their written work.
- Continue to develop accurate use of prefixes and suffixes.
- Identify and practice any weaknesses within the high frequency words.

**Mathematics****Number - Number and Place Value**

- Count on from 0 in multiples of 3, 4, 5, 8, 9, 50 and 100.
- Find 10, 100, and 1000 more/less than a given number.
- Solve number problems involving multiples and 10 and 100 and 1000 more/less.

**Addition and Subtraction**

- Add and subtract numbers mentally 4-digit number and tens/hundreds.
- Add and subtract numbers with up to 4-digits, using formal written methods of columnar addition and subtraction.
- Solve addition and subtraction problems, including missing number problems.

**Multiplication and division**

- Recall multiplication and division facts for 2, 3, 4, 5, 6, 9 and 10 times tables.
- Recall multiplication facts for 7 and 8 times table.

**Fractions**

- Solve measure and money problems using fractions.
- Simplify fractions, as well as adding and subtracting fractions.
- Round 1 decimal place to the nearest whole number.

**Measurement**

- Solve problems, add and subtract amounts of money to give change.
- Know the number of seconds in a minute and the number of days in each month, year and leap year.
- Accurately tell the time, and solves problems relating to it.

**Geometry - Properties of Shapes**

- Identify 2D shapes, recognise different orientations and describe their properties.
- Plot specific points and draw sides to complete a given shape.

**Geography**

- Name and locate several cities in the United Kingdom including Liverpool.
- Identify the different impacts humans have had on a city through architecture.
- Research how the geographical traits of a city can impact on its development.
- Explore how inter-city trade is developed and improved.
- Investigate different land use within a city and then make links with the economic benefits of the different uses.
- Apply their knowledge of city characteristics when planning their own settlement.

**PE**

This half term the children will be moving towards applying their learning in team games. These will incorporate skills such as:

- Accurately throwing and catching using a variety of techniques.
- Hand - eye coordination when using sports equipment.
- Combining side steps with front and reverse pivots.
- Skipping with high elbows and high knees.

They will be advancing in their own personal skills by asking for help when appropriate, and trying several times if they don't succeed first time.

**Please ensure that the correct PE kit is in school every day and clearly labelled.**

**PSHCE**

Body awareness / Local environment

- They will be learning about the local environment, and how they can enjoy and protect it.
- The children will be continuing to learn about themselves, as they continue to develop.

**Art**

The children will be exploring the illustrations of our class book, and investigating the different techniques used to produce it. They will then try to apply these techniques to their own drawings and illustrations.

**Topic Title**

**Alive in Liverpool!**

**Computing**

This half term the children will be learning about collaborative online work, such as wikis and Google documents. They will focus on the following points:

- Awareness of the responsibilities of editing online work.
- Identifying potential issues with wikis and the risks they pose.
- Understand the conventions when working collaboratively online.

**DT**

**Model Making with an Electronic Circuit**

- Investigate electrical circuits and the basic components needed to make them work.
- Decide upon a style of electronic model that they want to make, and how they could incorporate an electrical circuit into this design.
- Use a variety of engineering skills to create the shell of the model ensuring appropriate spaces for their circuit to be harnessed.
- Construct the circuit and integrate it into their model.
- Use finishing techniques on their robots.
- Make changes to their designs, when and if needed in order to improve it.

**Music**

- Research a variety of Eucharist related songs.
- Work collectively to decide upon an appropriate class song.
- Practise and evaluate the quality of our class song, before suggesting improvements.
- Explore different techniques for delivering a song to an audience and incorporate these into our own performance.