

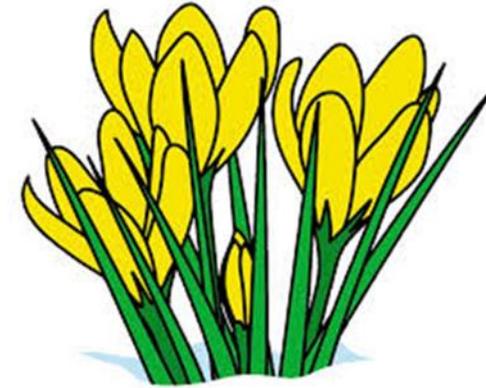


Lyonsdown School
Pride of Place

Year 5 Curriculum Synopsis – Spring Term 2021

Please note: lessons may be adapted to better suit online learning

Lyonsdown Learning: Perseverance and Curiosity



Message from Mrs Polak

Dear Parents

I hope that you and your families have enjoyed a wonderful Christmas holiday and I should like to take this opportunity to wish you a Happy New Year. As we begin the term with remote learning, I aim to make this transition as seamless as possible. As I have already said to many of you, no news is good news! I will always contact you if there is something important that needs to be discussed and likewise, please e-mail me or telephone if there is anything of concern.

A few reminders for when we return to school: -

- Please make sure that all your daughter's possessions are clearly labelled. Each day, she needs to bring to school: her homework diary; pencil case and the required homework.*
- Please note that pupils need several sharp lead pencils; appropriate writing pens; a long and short ruler; a protractor; glue; scissors; a rubber; a sharpener and a small selection of coloured pencils that should all fit into one medium sized pencil case.*
- Wednesday night is PE kit washing night. It must be returned to school each Monday (containing a deodorant for your daughter's personal use if you feel this is appropriate).*
- E-mail and her homework diary are useful ways of communicating between home and school.*
- If you know that your daughter will be away, please write or e-mail in advance to let us know and to request permission for absence. A follow-up note or email for all absences is needed for our records (even when a phone call has already been made).*

Kind regards

Mrs Polak

ENGLISH – Mrs Hall

Reading for Pleasure: Ideally, your daughter should be reading for pleasure every day. Ask her to read aloud to you at least three times a week. If her reading book is one from home, she will need to bring it into school so she can continue reading it here. All pupils will have opportunities to share and discuss their reading books with the class.

Spoken Language and Drama: These strands complement all that we do in English and this term we are focusing on speaking with clarity in front of the class and school, and developing conversational skills through a series of question prompt cards. Weekly drama lessons with Mrs Windsor will develop performance skills through various themes, some of which will be taken from texts studied in class, or linked to work done in other areas of the curriculum.

Reading: The girls will read a variety of whole texts and extracts from a range of fiction and non-fiction this term. We will make an in-depth study of the modern classic – *Holes* which will lead to work on understanding narrative structure, analysing the text, taking account of the viewpoint in a novel, articulating individual responses to literature and making predictions. After the half term, we will begin formal 11+ preparation and will begin completion of past papers.

Writing:

Transcription:

Spelling will be taught and reinforced through National Curriculum word lists and specific strategies e.g. word root, prefix, suffix, and homophone. Spellings are set, according to your daughter's ability.

Handwriting: The girls will have opportunities to practise their handwriting periodically and to further develop their own neat, individual joined style, transferring this to all of their written work.

Composition: The girls will develop their ability to plan, compose and structure their writing in a range of narrative forms and for a variety of audiences. They will develop the skill of paragraphing to aid text organisation, consider vocabulary choices, word and clause order and look at various sentence types. The girls will develop their sense of "being a writer" and be aware of the types of audience for whom they are writing.

Vocabulary, grammar and punctuation: Revision of nouns, adjectives, verbs and adverbs. Other aspects, such as modal verbs and idioms will be introduced. The girls will consider word and clause order within sentences. More importantly, we will look at how to apply these to our writing to improve its impact. Punctuation will include the revision of the possessive apostrophe and the use of commas between clauses to clarify meaning and avoid ambiguity.

Homework will be set on Tuesday and Thursdays

How parents can support at home

Please hear your daughter read regularly and discuss what has been read, encouraging her to make predictions and refer her views back to the text. Support with learning spellings is also appreciated. If your daughter is practising for the 11+ outside of school, please make sure this occurs at a measured and appropriate pace. Encourage your daughter to read back through her homework upon completion, in order to see if she can make any improvements.

MATHS – Mrs Polak

This term, pupils will:

- Interpret negative numbers in context,
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.
- Add and subtract numbers mentally and using formal written methods with increasingly large numbers and decimals to two decimal places.
- Solve addition, multiplication, division and subtraction multi-step problems in a variety of contexts.
- Multiply and divide numbers up to 4 digits by a one- or two-digit number using a formal written.
- Use, read and write standard units of length and mass to a suitable degree of accuracy.
- Estimate (*and calculate*) capacity.
- Multiply and divide numbers and those involving decimals by 10, 100 and 1000.
- Convert between different units of metric measure
- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- Describe positions on the first quadrant of a coordinate grid.
- Plot specified points and complete shapes.
- Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.
- Draw given angles, and measure them in degrees ($^{\circ}$).
- Identify angles at a point and one whole turn (total 360°).
- Identify angles at a point on a straight line and a turn (total 180°).
- Identify other multiples of 90° .
- Identify multiples and factors and square numbers including finding all factor pairs of a number, and common factors of two numbers.
- Recognise mixed number and improper fractions and convert from one form to the other.
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Find the area, perimeter and volume of some shapes.
- Weekly mental maths tests and problem solving activities including problems from past papers.

Homework is set on Monday and Wednesday and Bofa Fridays.

How Parents can Support at Home

Encourage your daughter to use her mathematical skills in a variety of practical ways such as cooking which uses ratio and proportion and measurement skills. Real life experience with money and problem solving is always helpful. Reinforce strategies and methods taught in the classroom, instructions for which are available on the School Calculation Policy. Continue practice of times tables and related division facts.

SCIENCE – Mrs Murphie

Pupils will cover the following two units of the curriculum.

Earth and Space

Pupils will learn about the shape and size of the earth and how they move. They will learn about the orbit of the earth around the sun and how this affects the seasons in the northern and southern hemisphere. They will investigate the orbit of the moon around the earth and how this impacts on the phases of the moon.

Forces

Pupils will explore falling objects and raise questions about the effects of air resistance. They will explore the effects of air resistance by observing how different objects such as parachutes and sycamore seeds fall. They experience forces that make things begin to move, get faster or slow down. They explore the effects of friction on movement and find out how it slows or stops moving objects, for example, by observing the effects of a brake on a bicycle wheel. Pupils will also explore the effects of levers, pulleys and simple machines on movement.

Homework will be set on Wednesdays

HISTORY – Mrs Polak

Pupils will continue to expand their knowledge and understanding of the “achievements of ancient civilisations” through the study of the Mayans. They will continue to learn about how we know about the Maya from the drawings of Frederick Catherwood and investigate what they know about Chichen Itza. They will then produce a project or leaflet based on the knowledge and understanding they have gained about the Maya until half term and this will be part of their homework.

After that we will begin to study the Victorians. Topics will include researching Queen Victoria and her family; learning about Victorian schools and comparing them to schools today and investigating the lives of poor children and what jobs they did.

Occasional homework will be set on Friday

How Parents can Support at Home

By aiding in researching the topic including perhaps visits to the library or museums.

Share any artefacts, objects, photographs etc that you have.

GEOGRAPHY – Mrs Windsor

Geographical skills and fieldwork

Unit 1: The United Kingdom

We will continue to learn about the different and unique regions of the United Kingdom, including land use, farming, industry, rural and urban locations

Unit 2: Water and Rivers

- Water-Understanding that water is a precious resource
- Revision of the Water Cycle
- Why do we need water?
- How do we use and clean it?
- Water safety
- Deserts
- Rainforests
- Droughts.

Homework will be set on Fridays

How Parents can Support at Home: Look at maps of the United Kingdom. Do you have relatives or family friends who live in other regions of the country? Keep abreast of news stories from different parts of the UK.

RE – Mrs Windsor

Christianity: The History of The Bible

This term the topic will be The Bible, and the children will learn:

How the Bible came to be written and who some of the main figures mentioned were. They will learn that the Bible is the most widely published book in history and that it contains the history of the Jewish people as well as the stories of Jesus' life and work.

Pupils will become familiar with the layout and compilation of the Bible and learn how to navigate it in order to locate a particular Bible reference.

Homework may be given occasionally.

How Parents can Support at Home: If you have one, share your family Bible together, or find similarities between the Bible and your own holy book.

PSHCE – Mrs Polak

This term the children will learn:

- The physical changes which take place at puberty, why they happen and how to manage them
- How the media, family and friends can influence their view of their body
- About new aspects of personal hygiene relevant to puberty
- About the ethnic make-up of the local community and the national context
- The negative effects of stereotyping and prejudice
- The different communities to which they belong and to explore the contribution they, and others, make to their community
- The role of volunteers and voluntary organisations
- About the role of the media and how it can influence them and their community
- Ways of caring for the environment and the contribution they can make

Homework may be given occasionally. This will always be due in one week later.

How Parents can Support at Home: Talk with your daughter about what has been discussed in class with regard to puberty, helping her if she has any further questions

ART and DT – Mrs Cowie

This term, pupils will firstly investigate the work of the designer, William Morris. They will learn about what inspired him and find out about his distinctive textile patterns and the Arts and Crafts Movement. They will learn how to create a repeat pattern and design their own wallpaper design in colour. After this, they will learn the difference between Art Nouveau and Art Deco, complete a unit of work based on these styles; they will then design and make some jewellery in the Art Deco style using a variety of media.

How parents can help at home

ART MATERIALS: In order to help your child create exciting artwork over the next few weeks at home, it would be helpful if you could save small quantities of colourful paper, magazines, wrapping paper, old greeting cards, clean packaging, other decorative materials for your child to recycle and use in art projects. Please make sure your daughter has the following materials/equipment: A4 white paper, colouring pencils, felt tip pens, water based paints (helpful but not essential), a glue stick or PVA glue, Sellotape, scissors.

ART: Try to visit a gallery online together. The Tate for Kids website has an array of online art content for children- art quizzes, hands on art prompts, opportunities for creating art online and art history. <https://www.tate.org.uk/kids/games-quizzes/tate-paint>. The V & A's online gallery is well worth a visit too.

<https://www.vam.ac.uk/info/explore-the-va-online>

DT: Everything in our homes has been designed and made by someone. Discuss with your daughter what a 'Design Classic' is. Talk about products in your home that have been designed well, which will stand the test of time. Try to find out who designed them, when and why.

MUSIC – Mrs Roberts

Our topics this term include 'Indonesian Gamelan' and 'Western Classical music' and include a variety of performance and compositional activities. We will be further exploring all the musical elements of pitch, rhythm, dynamics, tempo, structure, melody, and tonality (whether the music is major or minor). We will be learning to recognize the common and more advanced musical symbols that represent the above in printed music and how they affect a piece. Pupils will be involved in whole class vocal and practical activities where appropriate using tuned and untuned percussion instruments and will have opportunities to perform independently and in small groups. Part of our musical study will focus on Western Classical music, in particular Mozart. We will explore the elements through a variety of activities both aural and practical and the girls will develop their understanding of the concepts of musical notation through singing and composition exercises using mini whiteboards with musical staves.

This term, pupils will be:

- Singing in three parts as a whole class
- Reading a melody in staff notation
- Using a slendro scale to compose music on tuned and untuned percussion
- Learn to play 'Ode to Joy'
- Creating musical effects using contrasting pitch
- Learning songs for the Spring Concert

How Parents can Support at Home:

You can tune into Classic FM or Jazz FM and chat to your child about the music they can hear. Ask your daughter if the sounds she can hear are high or low, and what instruments they can hear. Ask her to clap the beat of the music and talk about whether the music is fast or slow, whether it stays the same speed all the time and is the music loud or soft? Ask your child if the sounds she can hear are smooth or detached and encourage 'active' listening.

BBC Ten Pieces also have some fantastic resources available for pupils to listen to and to encourage children to listen to all different types of orchestra pieces linked with various activities. Your child will be studying one of these pieces throughout the year.

<https://www.bbc.co.uk/programmes/articles/qt76WSzksPSPmkj9tbV0p9/the-pieces-and-composers>

Homework may be set periodically

COMPUTING – Mrs Stanton-Tonner

This term work will include:

- Using technology safely, respectfully and responsibly. Continuing our work to encourage confidence with making any critical decisions involved when improving digital resilience.
- Computer Science. Continuing to extend designing, writing and debugging programs that accomplish specific goals including sequences and repetition in programs and working with variables and various forms of input and output.
Using logical reasoning and computational thinking to develop algorithms; to use abstraction as a technique for managing the complexity of computing challenges and to learn to detect and correct errors (debug).
- Analysing data, evaluating information and asking questions. Searching for information, skimming and checking results for relevance and modifying search strategies if needed. Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.
- Controlling devices including taking and using digital photographs. Selecting and using a variety of software to complete given tasks and to extend creativity and understanding of computing skills.
- Developing our use of the Clevertouch interactive touchscreen.
- Tasks integrated with class projects and curriculum including graphical modelling – using 2D and 3D designing.

Homework may be set periodically.

How parents can support at home:

- Encourage the use of technology both safely and respectfully, recognising acceptable/unacceptable behaviour, and identifying a range of ways to report concerns about content and contact. There are many useful websites to help to inform parents e.g. <https://www.internetmatters.org/> or <https://parentzone.org.uk/advice/parent-guides>
- Continue to develop reasoning and computational thinking skills in any real life situations or other curriculum area as opportunities present themselves, for example thinking through the logical steps to best complete a Science or English task. The Key Stage 2 area of BBC Bitesize has clips and explanations that may be of use at home if you wish to explore these ideas further <https://www.bbc.com/bitesize/subjects/zvnrq6f>
- Regular use of technology using a keyboard and a mouse can help to keep mouse, keyboard, touch typing and word processing skills at a good level. Touch typing games can help to improve speed and expertise e.g. <http://www.doorwayonline.org.uk/typing/texttype2/>

PE – Miss Doyle

Online Learning

In their remote PE lessons, pupils will be participating in different types of fitness workouts which will develop their coordination, balance, strength and conditioning.

Please can all pupils have the following items available for every PE and Sport lesson:

- A space to exercise in safely.
- A mat (or make sure that you are somewhere where you can lie on the floor comfortably).
- 2 hand weights (this can also be 2 x tin cans or 2 x filled water bottles).
- A ball (ideally netball/football sized that is suitable for throwing and catching).
- 4 cones/markers (you can use any items such as small cuddly toys or plastic cups etc).

- Water

School Based

School PE lessons will focus on 'Multi Sports' where pupils will be developing a variety of skills in order to play adapted versions of Basketball, Tag Rugby and Uni-Hoc. They will practice the individual skills needed to play these different sports and the rules to play adapted games.

Pupils will also complete a unit of work on 'Fitness and Healthy Lifestyles' in which they will participate in a variety of fitness-based activities. They will carry out investigations into the body's ability to exercise and the effects that different types of physical activity have on the body. Pupils will develop a better understanding of the importance of warm ups and cool downs through physical tasks. Pupils will also reflect on the benefits that different types of fitness events give to an individual and their benefits in different sports.

FRENCH & SPANISH – Madame Walker

During the first half of the Spring term, pupils will study French, covering the following:

French:

- Adjectives, masculine, feminine
- Person description, object description
- Writing post cards
- Describing your family

During the second half of the Spring term, pupils will study Spanish, covering the following:

Spanish:

- **Introducing yourself**
- **Numbers up to 30**
- **Revision of the days of the week**
- **Verb to be**
- **Emotions Ex: I am happy, sad...**
- **The body and description of a person. Ex: The clown has a big nose and so on...**

Pupils will develop and strengthen their knowledge and confidence in speaking modern foreign languages through a wide variety of ways including: singing, role play and written exercises.