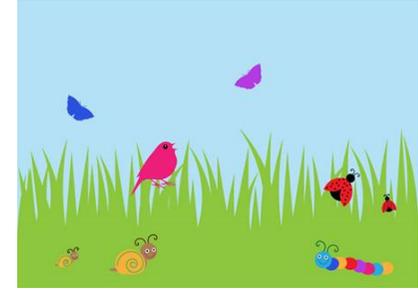




Lyonsdown School
Pride of Place
Year 6 Curriculum Synopsis –Summer Term 2021
Lyonsdown Learning: Collaboration and Reflection



Dear Parents,

Welcome to your daughter's last term here at Lyonsdown. The girls have all worked so hard and I extend my congratulations to everyone on their secondary school offers. Covid permitting, we are looking forward to a packed Summer Term at school. We hope for fine weather for our visit to Countryside Live with the rest of the Upper School on 14th June. I'm sure everyone is also excited about both the class residential trip to the Isle of Wight and the school production. Please see the dates below and make a note of them in your diary.

Thursday - April 29th – Information evening about the Isle of Wight (this will take place over Zoom, a link has been sent by Mrs Windsor)

Monday 14th June – Upper School to attend Countryside Live (more details to follow)

Tuesday 22nd June – Friday 25th June – Y6 trip to Isle of Wight

Tuesday 6th July and Thursday 8th July – Year 6 production (more details to follow)

A few reminders: -

Please check that all your daughter's possessions are still clearly labelled. For the days that your daughter has PE (Wednesday and Thursday) she must come to school wearing her PE kit. If you feel it is appropriate, your daughter may keep a roll on deodorant in her tray for her own personal use. If you know in advance that your daughter will be away, please write to request permission for that absence. Please continue to hear her read two or three times a week and continue to cultivate her interest in the arts and current affairs.

Do speak to me at the gate at home-time or contact me via the school office (by phone) or email me directly if you need to.

Best Wishes

Mrs Hall

ENGLISH – Mrs Hall

Reading - word reading and reading comprehension

- This term, the children will be looking at the story of The Titanic. We will be using this event to draft and redraft a range of text genres and embed comprehension skills.

Writing – transcription

- Spelling Key spelling rules and exception words; revision of words from the National Curriculum statutory list
- Handwriting and presentation Pupils will produce some work for display this term. They will also practise speed writing and use of the unjoined style for labelling and form filling etc.

Writing – composition

- Information and explanation writing
- Formal and informal letters
- Persuasive writing
- Newspaper and diary writing
- Creating a podcast linked to computing.

Writing – vocabulary, grammar and punctuation

Revision of grammar terminology including identifying words for formal and informal speech; use of the passive and the subjunctive mood; cohesive devices in texts (e.g. repetition, adverbials, ellipsis); semicolons, colons and dashes to mark clause boundaries; colons to introduce a list and semi-colons within a list; punctuating bullet-points when listing information; use of hyphens to avoid ambiguity.

Year 6 Terminology: subject, object, active, passive, synonym, antonym, ellipsis, hyphen, colon, semi-colon, bullet points.

Spelling homework will continue to be set on Tuesday this term. This homework needs to be handed in by the following Tuesday.

How parents can support at home: Remind your daughter to continue to read regularly and share stories. Cultivate both her love of the arts and her interest in current affairs.

MATHS – Mrs Polak

Describe and extend number sequences including those with multiplication and division steps, inconsistent steps, alternating steps and those where the step size is a decimal.

Revision of all written and mental calculation skills including fractions and decimals.

Use simple formulae.

Generate and describe linear number sequences.

Convert between miles and kilometres

Draw 2-D shapes using given dimensions and angles.

Describe positions on the full coordinate grid (all four quadrants).

Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Weekly Mental Maths tests and there will be a written assessment for all children.

When the children return from the residential trip, they will begin to plan and make their own maths games. The girls will use a variety of strategies to do this including: measuring, understanding of appropriate objectives for year groups and the need to make activities practical and enjoyable to aid understanding. They will investigate a variety of different maths games aimed at different year groups and will go into different classes to enhance their understanding of what a successful game is. They will work in small groups of 2 or 3 to plan, design and make a maths game, covering a maths learning objective aimed at a particular year group. When this is completed, they will play their game with children of the appropriate age and evaluate their own success and decide if they could improve on anything if Covid restrictions allow this.

Regular use of Atom Learning and Bofa will continue.

Homework: Monday and Wednesday.

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 to practise times tables and related division facts.

SCIENCE – Mrs Murphie

Children in Year 6 will begin with a topic called 'Light and Sight'. This will include:

- Recognising that light appears to travel in straight lines.
- Understanding that objects are seen because they give out or reflect light into the eye
- Explaining that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Using the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

In the final half of the Summer term, Year 6 will complete a unit on Electricity. This will involve looking at how electricity is generated and transported to areas of high demand. Children will identify risks and hazards around the use of electricity and investigate changes in electricity generation and types of electrical appliances. They will learn about, and compare series circuits and parallel circuits and model them in class using batteries and other electrical components. Year 6 will then design and make a wire loop game.

Homework: set on Tuesday, due in on Thursday.

How parents can support at home: talk to your daughter about the science lessons, let her show, and explain some of the things she has learned e.g. electrical symbols.

HISTORY – Mrs Windsor

Local history: The Battle of Barnet 1471

Pupils will learn about the period in English history known as *The Wars of the Roses 1455 - 1487*. Pupils will learn about the key figures from the Houses of York and Lancaster and how these two warring families battled it out over 30 years to gain control of the English crown. A key battle in this war: *The Battle of Barnet*, will be studied within the wider context of the war.

Isle of Wight

Pupils will be visiting the following historic sites: Osborne House, Carisbrooke Castle and Brading Roman villa.

Homework

Homework will be set on Friday, due in on Monday.

GEOGRAPHY – Mrs Hall

Unit 1: Brazil

Pupils will learn about the human and physical features of Brazil, they will examine the climate and understand the push and pull factors that have led many Brazilians to move to the urban areas from the country. Girls will also examine what life is like for children in Brazil and make a comparison between their life here in London with a child living in Rio De Janeiro. We will end our unit of study examining the life of the indigenous people of Brazil.

Unit 2: Comparative study: The Isle of Wight and California

Pupils will produce an Isle of Wight diary. They will draw geographical comparisons between the Isle of Wight and California.

Homework: Homework may be set periodically

How parents can support at home: Discuss geography-related events and news stories with your daughter. Let her use the compass app on your phone; explore Google Earth together and have fun zooming in and out of countries, cities and towns. Let her plan a day out at the weekend, using maps, plans and public transport timetables. Test her on her knowledge when she is revising for the geography test later this term.

RE – Mrs Windsor

Religious Faith Expressed through the Arts

This term, pupils will consider how religious faith is expressed through various ways such as dance, storytelling, food, music and art.

PSHCE – Mrs Hall

This term the children will learn:

- How are babies conceived and born? (Sex Education, please see separate letter on this)
- What effect might puberty have on an individuals' feelings and emotions?
- How can my words or actions affect how others feel, and what are my responsibilities?
- What should adults think about before they have children?
- Why might people get married or become civil partners?
- What are different families like?

How parents can support at home:

To read the government guidance for Primary parents on RSE follow this link

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/907638/RSE_primary_schools_guide_for_parents.pdf

For information on talking about RSE to your children, try

www.bigtalkeducation.co.uk/parents/how-to-talk-about-sex/

Homework may be set periodically

ART & DT – Mrs Cowie

ART

Pupils will investigate the work of British sculptors, Henry Moore and Barbara Hepworth and compare and contrast their work. Next, the girls will complete a unit of work to help them reinforce their drawing skills and to help them understand negative and positive space in terms of art. They will then practise drawing the human figure and natural forms from first hand, followed by planning and creating a sculpture in the style of Moore or Hepworth using clay.

After half term, the focus will be Islamic Art. The girls will look at the architecture of mosques and the patterns and colours found inside them, as well as other forms of Islamic art and design. They will then experiment with a variety of printing techniques to create some exciting 2D art. They will also use this knowledge and understanding to help create the backdrop for the summer production.

How Parents can Support at Home:

Visit an art gallery to compare traditional and modern art styles. If possible, a day out at the beautiful Henry Moore Studios and Gardens at Perry Green, Hertfordshire would be highly beneficial.

Practise drawing members of the family at home and encourage your daughter to use a sketchbook at home.

Homework may be set periodically

DT

This term, pupils will design and making their own electrical model of a fairground. They will discuss and revise how to assemble a circuit and test insulating and conducting materials in a circuit. They will then learn how to connect a circuit with a switch to motor, so that their model revolves. They will also learn how to reverse or alter the speed of revolutions. During this project, pupils will learn how to communicate their ideas through carefully annotated drawings using appropriate terminology, develop their problem solving and practical model making skills and learn how to modify and evaluate their work effectively.

How Parents can Support at Home:

Show your daughter how to fit batteries correctly and safely. Investigate the different types of switches there are on electrical appliances in the home.

Homework may be set periodically

MUSIC – Mrs Roberts

We will be further exploring all the musical elements of pitch, rhythm, dynamics, speed, structure, melody, tonality (whether the music is major or minor) and texture.

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. Year 6 will focus on writing rhyming couplets and lyrics for the first half term about leaving school. We will also be focusing on Carl Orff's 'O Fortuna' from Carmina Burana. Pupils will listen and reflect on the piece, perform as an ensemble, and pupils will be involved in whole class vocal and practical activities, including composition using tuned and untuned percussion instruments. Pupils will have opportunities to perform independently and in small groups. Part of our musical study will focus on songs for the Upper School production.

We will explore the elements through a variety of activities both aural and practical and pupils will develop their understanding of the concepts of musical notation through singing and composition exercises using mini whiteboards with musical staves.

How parents can support at home

At home you can support your child by listening to the songs from the show with your daughter and encourage her to practice any solo lines she may have.

Homework may be set periodically

COMPUTING – Mrs Hall

This term, work will include:

- Practising and extending all mouse and keyboard skills.
- Digital Literacy: continuing to learn how to use technology safely, respectfully and responsibly.
- Music sequencing and animation.
- Coding and programming. Continuing and extending our work on designing, writing and debugging more complex programs that accomplish specific goals, including controlling or simulating physical systems; solving problems by decomposing them into smaller parts.
- Digital Discoveries: using simulation software to encourage pupils to experiment with using different digital devices and to become discerning and capable users including editing and manipulating the data collected.
- Using computer skills to present information in different forms and styles, reviewing, modifying and evaluating their work as it progresses while working on part of their class project.

Homework: may be set periodically.

How parents can support at home:

Continuing to 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. Continue to be aware of any social interaction sites used and discuss safety and acceptable communication. There are many useful websites to help to inform parents e.g. <https://www.internetmatters.org/>.

- Coding: <https://studio.code.org/s/coursed> and other free websites are available for children to try coding games and it is good for them to see it in different forms. Games are also available for iPads and other tablets.
- Continue to further develop reasoning and computational thinking skills in any real life situations or other curriculum area as opportunities present themselves. As in Computer Science, using decomposition or abstraction when thinking through the logical steps to best complete a Science or English task.
- Regular use of technology using a keyboard and a mouse can help to keep mouse, keyboard and word processing skills at a good level. By Year 6 most girls should have a good accurate typing ability and be able to confidently use touch typing techniques.

PE – Miss Doyle

We have a very busy and exciting term ahead of us in the PE department. Please find below an overview of the different activities that your daughter will be involved in.

In PE and Games, all Upper School pupils will be developing their skills in athletics, rounders and tennis. Athletics lessons will cover the skills, knowledge and understanding required to take part in both track and field events. We will also be working on pupil fitness which will include improving pupil endurance and long distance running techniques.

In rounders, lessons will focus on improving pupil's batting, throwing, ground fielding, bowling, catching and running skills. These will be applied in adapted games and we will be further developing pupil knowledge and understanding of the rules in rounders matches.

We are thrilled to be using the facilities at the Barnet Tennis Club and we will be assisted by qualified LTA coaches John Hall and Douglas Morley. Skills which will be covered will be the six basic strokes and applying these within singles and doubles matches.

All Upper School pupils will be learning a dance routine which they will perform in the Summer Production later this term.

How parents can support at home:

In order for your daughter to feel comfortable and to allow her to fully participate, it is essential that all children have their full, correct kit including their tracksuit. For hygiene reasons can your daughter please be provided with a pair of white socks which she wears solely for her PE lessons (not her school socks).

For health and safety reasons, all earrings must be removed or covered with tape prior to taking part in a PE lesson. I would encourage your daughter to not wear earrings on the day of a PE lesson.

Spanish – Madame Walker

This term, we will learn about:

- School, subjects, timetables. Children will learn how to talk about their school and the subjects they prefer. They will also be able to talk about their time table and what they are doing at school.
- Hobbies, Children will learn about hobbies.
- Friends, Children will learn to speak about their friends.
- Animals; Children will learn to describe animals.
- Holidays, Children will learn to say where they are going on holiday.

How parents can support at home:

Encourage your child to be culturally aware and engaged with Spanish news. BBC has very good Spanish activities and games.

**Year
6**

Day Given	Subject	Due by
Monday	Maths	Tuesday
Tuesday	English Science	Following Tuesday Thursday
Wednesday	Maths	Thursday
Friday	History	Monday



Homework Schedule

The homework task will be explained to pupils in the lesson and again on the subject channel of their class' TEAM.
Homework is to be completed in books (unless stated otherwise.)

All other subjects may set homework periodically.