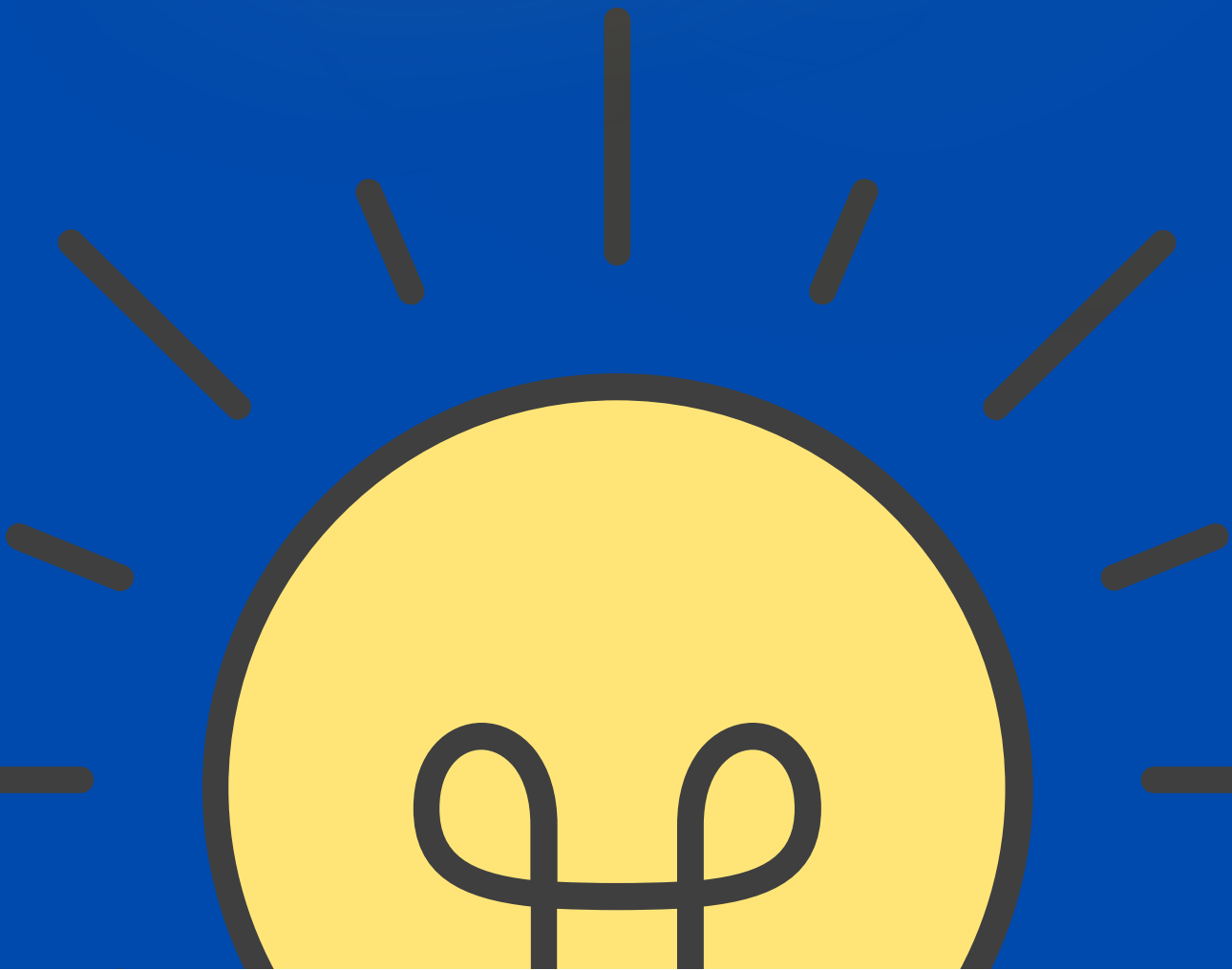


MOON HALL SCHOOL

Independent Learning Activities

Year 7



Introduction for Parents



At Moon Hall, our approach to home learning has three main strands:



READING



SET HOMEWORK



INDEPENDENT
LEARNING

This Independent Learning booklet was a new addition to our home learning offer for the academic year 2022-23 and has been specifically designed to:

- Communicate the curriculum for each subject
- Provide consolidation tasks to help pupils revisit, recall and secure knowledge that they have learnt in class
- Provide challenge tasks, which allow pupils to deepen and extend their knowledge beyond the curriculum

Please see the section on Independent Learning for a full explanation.



Reading

Regular reading is a priority for pupils at Moon Hall and this is a key area where your support as a parent is so valuable.

Our expectation is that pupils will be completing regular reading at home, as per the schedule below. Alongside this, we will be continuing with our successful reading interventions during form time.

Year Groups	Reading Expectation
Years 3 - 6	Daily, with an adult, for a minimum of 10 minutes each day. This should be recorded in their reading journal by an adult at home.
Years 7 - 9	At least 90 minutes each week, split over 3 - 5 sessions. At least 50% (45 minutes) of the total reading time should be with an adult. All reading should be recorded in their reading journal by an adult at home.
Years 10 - 11	Regular independent reading is encouraged

Introduction for Parents



Set Homework



At Moon Hall, we recognise the high demands of the school day and the needs of our pupils, whilst balancing the need to set homework where it is beneficial for the purposes of consolidation and/or discovery.

In particular, all of our pupils enjoy a very long school day, and many pupils have long journeys to and from the school itself, which further reduces the amount of time available for homework in the evenings.

Our parent survey revealed the following concerns about homework:

- 82% of pupils required additional support with their homework.
- Two thirds of pupils were not able to complete homework to a good standard.
- 69% of parents cited homework as a cause of upset and tension at home.

Therefore, at Moon Hall, teachers do not set written homework on a particular day or at a specified frequency. Instead, we ask teachers to carefully consider whether a homework task will enhance pupils' learning. When homework is set, it will be set as an assignment on Microsoft Teams.

The following table outlines our carefully considered approach to homework by year group.

Year Groups	Set Homework
Years 3 - 6	Homework is set only when it is beneficial to your child's continued learning and will consist of a short task. This task may take the form of spelling, times tables or typing, for example.
Years 7 - 8	Homework is set only when it is beneficial to your child's continued learning. The homework will generally take less than 30 minutes to complete. The format will vary by subject.
Years 9 - 11	Homework will be set as required where it is beneficial to your child's continued learning. The homework will generally take up to 60 minutes to complete and could take the form of reading, research, revision, written or creative tasks. Project based homework may also be set in some subjects.

Introduction for Parents



Independent Learning

This Independent Learning booklet gives pupils access to interesting and engaging learning opportunities, which are linked to the school curriculum.

The activities have been collated by our Heads of Department and their teams and are presented on a termly timeline.

The activities are designed to enhance home learning by providing opportunities for both **consolidation** and **challenge**. The mediums used are not only accessible to our dyslexic pupils, they are interesting, engaging and (often) fun!

Activities include making a medieval stew in History, a "Spring has Sprung" photo competition in Science, making clay pots 'the ancient way' in Art, access to Audiobooks in English, delving into 'CEO Secrets' in Business, diagnostic quizzes in Maths and creating jingles for Music in Chrome Music Lab.

The activities are optional and additional to the school curriculum. They do not need to be handed in to the teacher. However, pupils are encouraged to show their teachers their independent learning and house points will be awarded to those who engage in this element of home learning.

How to use this booklet

This booklet is specific to the year group and has a page for each subject.

The activities link specifically to what our pupils are studying in class.

It is best to complete the activities after the topic has been studied in class.

To meet our stated aims, there are three sections, which are described in the table below.

What we are learning...	Consolidation	Deepen & Challenge
This section explains what topics you are studying in class during term time	This section gives you activities that you can do to help you revisit, recall and secure knowledge that you have learned in class	This section gives you activities that will deepen and extend your knowledge about this topic.

On the top left of each page is a QR code, which will take you to the online version of the same page. From here, you can click on the hyperlinks that take you to the activity. For example, the QR code on the right will take you to the Year 9 English activities.





Art - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Still Life Photography and drawing	Draw an accurate cylindrical form. Watch and follow this video clip Draw a Cylindrical Form	Complete a still life study influenced by the artist Vincent Van Gogh Click here for instructions.
Still Life Painting and colour	Draw a series of different shaped containers. Click here for examples and instructions. Click here to access a template of the colour wheel. Using colour pencils try to 'mix' the colours labelled by using a 'layering technique'.	Watch this video showing an artist creating an oil painting effect, by using oil pastels. Working with oil pastels

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
The Box Project	Take a series of 10 or more photographs of interior spaces. Consider; attic, cellar, old shed, garage, storeroom.... The spookier the better!!	Drawing Task 1: Complete a detailed and shaded drawing working directly from one of your interior photographs.
The Box Project	Create a floorplan of an area in your house. Click here for a video about drawing a floorplan. How to draw a floorplan Create a 3 D model of a room. Click here to see two examples of similar 3 D models.	Photograph your 3D model from various viewpoints. Consider taking pictures from 'eye level' giving the impression you are in the room (remember Joe Bampton's work). Try to photograph the stages of your work - as you progress.

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Printing Photography and planning	Take a series of 10 or more landscape photographs. Look for depth and distance in each image.	Consider photo-editing one or two of your photographs, click here for examples and ideas.
Printing Mark making and monoprints	Type the following words into a search engine ' Types of monoprints KS3 '. Create an information sheet covering the main points. Create a detailed landscape drawing by mark-making. Click here for examples & instructions	Using biro, pen or marker only, create a landscape image that uses just two tones, dark and light. Try using one of your own photographs as a starting point.



English - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Autobiography (based around 'Boy' by Roald Dahl)	Roald Dahl was a child in the 1920s. Research what it was like to be a child in those days.	Write an extra chapter of your own autobiography about your earliest memory.
Reading skills and strategies	Complete a 'leaf review' of your favourite childhood book/story to put on a reading tree for display.	Read or listen to the sequel to 'Boy' called 'Going Solo'.
Spelling, Punctuation and Grammar skills (SPaG)	Make a poster to remember when and why we change paragraphs.	Can you turn the paragraph rules into a poem or rap?
Recount writing and discursive writing	Revise connectives - Linking words and phrases guide for KS3 English students - BBC Bitesize	-
Scary stories	Find out 5 facts about Charles Dickens and the titles of 3 of his novels.	Summarise the plot of 'A Christmas Carol' in 100 words.

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Class reader: 'Room 13' by Robert Swindells	Draw what you think Room 13 will look like. - Make a timeline to summarise what happens and update it as you read the book in class.	Write the missing chapter (chapter 13) - Write the first chapter of a sequel to 'Room 13'.
SPaG skills	What is a noun? - BBC Bitesize - How to structure and punctuate direct speech in fiction - BBC Bitesize	How to spell plural nouns - BBC Bitesize
Descriptive writing skills	Look at the image. Read Story starter, do the Sentence Challenge and Grammar Challenge https://app.pobble.com/lessons/preview/c9e6a1c6	https://app.pobble.com/lessons/preview/c9e6a1c6 Continue the story or answer the questions or do the Picture It task.



English - Year 7



Diary entries

Watch this video to recap - [Diary Features - YouTube](#)

Keep a diary for at least a week.

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Class reader: 'Skellig' by David Almond	In preparation for chapter 11 students should research the theory of evolution and find out 5-10 facts about it - present in a PP, mind map or poster.	Research task: William Blake - research William Blake and create a booklet about him. Include extracts from his poems and examples of his paintings.
SPaG skills	Speech punctuation: Using Speech Marks Punctuating Direct Speech EasyTeaching - YouTube	-
What? How? Why? Writing a PEE paragraph	PEE 1/3 - Intro & The Point (worksheet included)	-
Reading skills	Inference and subtext: Reading - understanding and inference - Understanding and inference - National 4 English Revision - BBC Bitesize	Symbolism: Can you research what symbolism is and write a definition of it? Can you find examples of symbolism in the world around you?
Creative writing in role	Write a diary entry as either Leakey, Coot, Michael or Mina describing the conflict between them and how that character felt about it.	Script a conversation between Leakey and Coot talking about Michael and why they are worried about him.



Geography - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
<p>What is Geography?</p> <p>What is Settlement?</p>	<p>Collect pictures from magazines/newspapers/internet to create a collage to show human and physical Geography</p>	<p>Choose one topic from each area of Geography which interests you most and create a fact file about it</p>
<p>Japan</p> <p>Tokyo Case Study</p>	<p>Find out why your family live where you do by interviewing 3 family members - film the interviews if you can!</p> <p>Find out about Japanese food (and eat some if you can). Consider and make notes about a) similarities to UK food b) differences</p>	<p>Make a list of the reasons why you live in the SE of England stating why you would prefer to live here than another place</p> <p>Write a review of the food stating what is good/beneficial about it and issues you think people of the UK might have with it</p>

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
<p>Weather and climate (UK focus)</p>	<p>Watch the weather forecast for 5 days in a row and note down the temperature and rain for the SE of England (where you live)</p>	<p>Based on what you learnt about the weather for previous 5 days present your forecast for next day - If you can get a family member to film you</p>
<p>UK: An investigation of the human and physical Geography of the UK</p>	<p>Choose a place that you visited at half-term - Write a blog/create a vlog about the place</p>	<p>Watch the documentary about the London Olympics and do a comparison about the use of the area before the stadium was built and the use today</p>



Geography - Year 7



Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
<p>India</p>	<p>Look at <u>this short presentation about India</u> and note down:</p> <ol style="list-style-type: none">1) One thing you already knew about India2) 2 new things that you learnt about India3) 3 of the most interesting facts from the video <p>Show your teacher your answers</p>	<p>Find out about the 'caste system' in India</p> <p>What do you think is wrong with this system? Write an email to your teacher with your thoughts</p>
<p>Coasts: An introduction to coastal processes and landforms in the UK including a field trip</p>	<p>Take photos of a coastal trip (you can use the field trip if you haven't had any other visits) and print at least 1 out with labels to show evidence of the processes happening and landforms you are aware of</p>	<p>Design/create an advert for the place</p>



History - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
The Normans: Judgement writing	Claimants to the Throne - Bitesize Video & Quiz	Cut out & sort these cards to analyse Harold and William's strengths & weaknesses
The Battle of Hastings: Evidence and sources	The Battle of Hastings - Bitesize Video & Quiz	Create your own "missing" section of the Bayeux Tapestry
Life after 1066	Watch this video to find out what happened after 1066	Summary task- how did life change?
Domesday	Find out about Domesday in your village or nearest	Write your own Domesday survey of your village/ estate/ home
Castles	Build your own castle	Visit your own castles and design its attack and defence
Towns	Create your own guild sign	Create your own medieval Guild business

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
A Peasants life	The Lifestyle of Medieval Peasants	Peasants Life Game
Housing	Build your own medieval hut	Make a Peasant's house out of matchsticks
Food	-	Make a Medieval Pottage Stew
Jobs	-	-
Life was hard for peasants	Read about The Lifestyle of Medieval Peasants	
Prepare for next term- Tudors	Create your own Tudor timeline	1500-1750 Matching Exercise

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Wars of the Roses	Comparing life in Britain in 1485 to the present day filled in	Fill in the comparison sheet
Henry VIII	#StayHome and Learn About Henry VIII with Suzannah Lipscomb	Write down the key points of the video
Six wives	Six the Musical	Can you go to see "Six the Musical"?
Lady Jane Grey	Lady Jane Grey, the Nine Day Queen	Annotate 'The Execution of Lady Jane Grey', by Paul Delaroche, 1833



ICT - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Scratch programming - code for movement and animation	Use the scratch tutorials on the scratch site to consolidate your skills: Click here Click on create in scratch, and then on tutorials. Try: Add a sprite Add a backdrop Change size Glide around Record a song	Explore the tutorials on the Code Club site - these are the 'getting started' tutorials: click here
Scratch programming - interaction and variables	Scratch Tutorial Try: Make a clicker game Pong game	Explore the tutorials on the Code Club site - these are the 'module 2' tutorials: click here
Scratch programming - game structure eg screens, timer, retrieving values from variables within a program	Practice using a timer by making this game	Click here to learn how to use lists in Scratch
Scratch programming - developing your own game to a given brief, receiving and giving feedback	Develop your own game independently at home to your own brief. Choose -a theme (eg space) -an audience (eg kids age 8-10) Try to theme your game with graphics and make sure the instructions are suitable for your age range.	Choose 3 games on the scratch website. Play the games and then read the comments people have added. Think about: -are the comments helpful to the person who made the game? -are the comments positive/polite? -is anyone using comments in the wrong way?

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Video promo - what makes a promo?	Watch some school promo videos on YouTube -eg Promo video 1	Work on a project independently for this section over the unit.



ICT - Year 7



[promo video 2](#)
Think about:
-do they sell the schools well?
-are they well edited?
-have they used a range of camera shots?
-what impression does it give of the school?

The first step is to:
Find some video editing software on your phone or a tablet device eg:
iMovie
Adobe Rush
Invideo editing app

Come up with an idea for a short film you can make at home - eg making an advert for a new chocolate bar (or any product of your choice!)
You could team up with a friend to complete this project.

See next section for next steps....

Video promo - sourcing assets and storyboarding

Explore the following copyright free image site:
<https://pixabay.com/>
Do you think this is a good site to use for images for film/presentations?

Practice using google advanced search to find copyright free images - this video reminds you how to do this:
[video about google copyright images](#)

This activity follows on from the previous deepen and challenge task:

Record your video clips for your advert - ask friends and family to help you by acting for you!

Go on to copyright free sites such as <https://pixabay.com/> for images, OR use google advanced search for copyright free images.

See next section for next steps....

Video promo - editing skills

Watch a film trailer on YouTube. Eg [Ms Marvel](#)
Think about/identify:
-how many video clips were filmed (can you count?!)
-what transitions are used between clips?

This activity follows on from the previous deepen and challenge task:

Import your assets into your editing software - eg on your phone/tablet. Work on editing the clips together - crop/transitions/effects.



ICT - Year 7



	-what kind of effects are being used - eg computer generated graphics?	See next section for next steps....
Video promo - exporting video files and reviewing	Choose two film trailer videos on YouTube to watch. Rate the films out of 5 for these categories: -Quality of shots/footage -Editing -Length of trailer - too short/long? -Use of sound (Add your own criteria if you want!) Which trailer gets the best score?	This activity follows on from the previous deepen and challenge task: Export the finished advert and share it to your Teams page - let your teacher know that you've done this project!

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Microbits - learning the basic commands, inputs and outputs	Microbit Tutorials - Smiley buttons tutorial - Dice tutorial Use Micro:bit to create and preview projects.	Click Microbit Site -animated animals tutorial -graphical dice tutorial Use microbit code to create and preview projects.
Microbits - more advanced programmes including use of variables, sensors, selection and iteration	Microbit Activity Picker Make a Thermometer Max/min thermometer - combines sensors and variables	Simple Tilt Alarm Clap Lights Create and preview in here
Animation & vector graphics - intro - frames, keyframes, keyframe and stop motion	Watch this video to help you give various hints How to Make Stop Motion Videos - YouTube	Click here to view a tutorial how to make a stop motion animation. How to Film Lego Stop Motion Download the stop motion application.
Animation & vector graphics - vector drawing	Make your own vectors to be included in animation software Download Inkscape 0.92.4 Inkscape	Import your vectors into this app and animate them Online Vector Animation Software - No Coding SVGator



Maths - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Place value up to 10 Million	Watch the video. Place value Complete questions 1 - 5 of the worksheet: Place value worksheet	Complete questions 6 - 10 of the worksheet. Place value assessment If you need help, watch the video. Place value video Answers: Answers
Four operations	Complete questions 1 - 3 of the worksheet. Four operations	Complete questions 4 - 9 of the worksheet. Answers: Answers
Numbers: Factors, multiples, Primes, squares, cubes	Watch the videos by scanning the code on the worksheet. Number Complete questions 1 - 8 of the worksheet.	Complete the rest of the questions on the worksheet. Answers: Number answers
Sequences	Watch the video by scanning the code on the worksheet. Sequences and patterns Complete questions 1 - 3 of the worksheet.	Complete the rest of the questions on the worksheet. Answers: Sequences and patterns answers
Measure: Perimeter, area and volume	Watch the video. Measure video Complete questions 1 - 4 of the worksheet. Area and Perimeter	Complete the rest of the questions on the worksheet. Answers: Area and Perimeter



Maths - Year 7



Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Algebraic notation	Watch the video. Algebra video Complete questions 1 - 6 of the worksheet. Algebraic Notation	Complete the rest of the questions on the worksheet. Answers: Answers
One-step equations	Watch the video by scanning the code on the worksheet. Equations Working through question 1 only, complete (a) - (l).	Complete the rest of question 1 of the worksheet. Answers: Equations answers
Fractional thinking	Watch the video. Fractions video Complete questions 1 - 5 of the worksheet. Fractions worksheet	Complete the rest of the questions on the worksheet. Answers Answers
Fractions, decimals and percentages	Watch the video. Fractions, decimals, percentages video Complete questions 1 - 4 of the worksheet. FDP Assessment	Complete the rest of the questions on the worksheet. Answers: Answers

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Directed number	Watch the videos. Directed number 1 Directed number 2 Directed number 3	Complete questions 1 - 5 of the worksheet. Directed number assessment Answers: Answers
Geometry: draw and measure angles, angle facts	Watch the videos. Geometry 1 Geometry 2 Geometry 3 Geometry 4	Complete questions 1 - 6 of the worksheet. Geometry Assessment Answers: Geometry answers
Data handling cycle: read and interpret bar charts, pie charts and mean	Watch the video. Data handling video Complete questions 1 - 3 of the worksheet. Data handling assessment	Complete the rest of the questions on the worksheet. Answers: Answers



Music - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
<p>Keyboards: Developing keyboard skills and performing melodies.</p>	<p>Read up on the 13 top tips for beginning to play piano.</p>	<p>Use this virtual keyboard game to deepen your knowledge of the keys and play some famous piano pieces.</p>
<p>Graphic Notation: Understanding different ways to notate music and creating/designing our own graphic scores.</p>	<p>Graphic Notation Recap Video</p>	<p>Listen carefully to this track. The instruments enter at different points. Create a graphic score reflecting the first 1:30s of this song.</p>

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
<p>The Planets: Studying classical music that is created around a set theme.</p>	<p>BBC Archives: Use this website to listen to the orchestral pieces written about the Planets. Look out for Earth by Hans Zimmer and Mars by Gustav Holst</p>	<p>Use this website to get to know the instruments of the orchestra better.</p>
<p>Composing: Create your own Classical piece using Music Technology.</p>	<p>Expand your knowledge of classical music by visiting the BBC Proms website and watching clips of the performances.</p>	<p>Now listen to this famous orchestral piece and answer questions on this study sheet.</p>
		<p>Chrome Music Lab: Use this song maker to develop melodic ideas suitable for instruments in the orchestra.</p>

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
<p>Music Theory: Reading and Plotting melodies using stave notation.</p>	<p>Music Theory Website: Follow this theory lesson to recap reading notes on the stave.</p>	<p>Get practicing! Use this music quiz to test your knowledge of notes on the stave and on the keyboard.</p>
<p>Saharan Sounds: Drum patterns and rhythmic features of African drumming styles.</p>	<p>Use this information website to learn more about African drums.</p>	<p>Feeling creative? Follow this step-by-step guide to make your very own djembe drum!</p>



Science - Year 7



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Lab Safety	Lab safety poster competition	-
Acids & alkalis	Research and make your own indicator - test it on household substances.	Make your own sherbet.
Cells	Bitesize video and quiz Cell structure	Build a model cell.
Movement	BBC Bitesize Skeletal muscle	
Bridge project	Intro to Forces topic Spring term	Your teacher will launch the bridge project in class. Judging and prizes!

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Forces	BBC Bitesize Forces & motion	Why Gravity is not a Force Video
Separating Techniques	BBC Bitesize Separating mixtures	This worksheet might take a little bit of research. Q2 and 5 are difficult and can be left.
Energy Transfers	BBC Bitesize Energy stores & transfers	Entropy and the death of the Universe video
Plant reproduction	BBC Bitesize Pollination	BBC Bitesize Fruits & seeds

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Particle model	BBC Bitesize Particle model of matter	Use your knowledge of particles to explain atmospheric pressure.
Earth and Universe	Solar System Visit this NASA page	Video on the life of a Universe
Human reproduction	Bitesize video and quiz	Use your knowledge of reproduction to make a flow diagram on the stages of IVF.