



Swakeleys School for Girls

Year 8 Curriculum Guide by half term:
Autumn 2



SWAKELEYS SCHOOL FOR GIRLS

Year 8 students continue to study 16 subjects, all of which they started when they joined Swakeleys in year 7. The following provides families and students with guidance on what each of these subjects looks like, with Autumn 2 below. It outlines what Year 8 students will be taught, the type of assessment that students will experience and any resources that they will need. If you prefer, you can view this information by subject in our Curriculum Guide by subject publication. You can find this on our website at: <https://swakeleys.hillingdon.sch.uk/curriculum/>

Year 8 also have an internal exam period of two weeks where each subject will hold 'exam style' assessments during the same two week period. These fall in Spring 2 and are to give students a taste of what final GCSE exams will be like when the time comes! There is a separate document which details the content for each subject for these exams which is also on our website (see the link above).

Year 8 Curriculum Guide: Autumn 2

Subject	Topics covered	Format of assessment	Resources, useful websites & extra-curricular opportunities
Core subjects			
Maths	Transformations 2 Reflection about $x = a$, $y = b$, $y = x$ and $y = -x$, Positive integer enlargement of a shape, Use of vectors to translate shapes. Symmetry & rotational symmetry Decimals Place value, rounding to decimal and significant figures, 4 operations and problems in context Using a calculator to perform simple and complex calculations using a calculator Collecting data and averages Represent data in tables, find the mean, mode, median and range from a list and frequency table, estimate the mean and modal class from a grouped frequency table.	Ongoing in class assessment, including regular skills checks. A one hour non calculator written assessment covering the content of the term will be given at the beginning of the term to assess prior learning (Autumn 1 content).	Use the Independent Learning tab on Sparx Maths to work on specific topics.

	Circles Know parts of a circle, find the area and circumference, area of compound shapes with circles, finding the area or perimeter of a sector.		
English	A Christmas Carol – study of Dickens’ novella in order to understand its themes, plot, characters, and language. NB: The timing of this unit may change according to staffing. This links to Literature Paper 2 Section A – 19th Century Novel part a of the GCSE exam.	One question asking students to analyse how language, form and structure are used to present a character/s or idea in the play. 2-3 paragraphs. 40mins.	Lessons can be reviewed on Google Classroom. Notes in exercise books. <i>A Christmas Carol</i> text. BBC Bitesize: https://www.bbc.co.uk/bitesize/topics/zwpfvwx/articles/z6nw7yc
Science	- Separation techniques (mixtures, solutions, solubility, filtration, evaporation and distillation and chromatography) - Electricity and magnetism (charging up, circuits and current, potential difference, series and parallel, resistance, magnets and magnetic fields, electromagnets and using electromagnets)	Ongoing in class assessment, including regular skills checks. End of chapter test for separation techniques and electricity and magnetism at the end of the lessons for those chapters. These will be one hour written tests. Revision of content required.	Use Year 8 spreadsheet https://docs.google.com/spreadsheets/d/e/2PACX-1vSgypnYNjllFamt7F-5vRMaXRJmLG7aXPmeIKjcs5fJUA0Tk5L7e2TJUuUVmwJ1LTpkObI264TZZ0kW/pubhtml Seneca Learning Activate 2 workbook Science club

Art	<u>Natural form – Painting and design project.</u> The aims of this project is to help pupils understanding how various artists and designers have recorded natural form, or have been influenced by structures that make natural form. Pupils will firstly increase their proficiency in drawing and explore natural form using a range of different media including. They will explore the work of Georgia O'Keefe and understand why and how she created large close up images of natural form. They will also look at the work of African American artist Bisa Butler (contemporary) and how she was influenced by natural form for her fabric work. Pupils will gain knowledge about how artists/designers and craftspeople have used natural form to create their own individual outcomes. They will also explore fashion design and how catwalk designs have hugely been influenced by natural form in many different ways. This will also enable pupils to interpret the world around them, and get them thinking creatively about their own work and how to develop their own designs. <i>Please note: Teaching order may vary</i>	Mid- term and full term assessment are recorded on an assessment sheet. Tracker for the year is also updated each term. Tick and flick in sketchbook and stamps to reward homework. Peer and self-assessment coloured sheets also used. Knowledge – to know about great artists, to evaluate and analyse creative works using the language of art and design. Skills – to creatively explore ideas and record experiences. To become proficient in basic drawing skills using a range of dry media. Understanding – to understand the historical and cultural developments of different artists, craft workers and designers art forms, use these ideas when creating your own work.	Key stage 3 art club will be available for pupils at certain lunch times. Resources shared on google classroom. Art competitions. Cross curricular opportunities, i.e. prop making for the school production, maths and science cross curricular work. Work displayed around the school.
Computer Studies	Understanding Computer (hardware and software) Able to identify and label computer component. Distinguish between hardware and software Identify input, output and storage devices Understand the difference between ROM and RAM Able to understand the role of CPU fetch, decode and execute cycle.	No preparation is required for the baseline test. Open and close questions Programming with python Error identification and error correction Practical Open and Close questions Show component to students and ask to name them. Worksheet	Powerpoint https://www.currys.co.uk/ https://www.bbc.co.uk/bitesize/guides/z26rcdm/revision/1 https://www.youtube.com/watch?v=TcP-r-GwJcM
Dance	<u>Contemporary Dance - repertoire</u> Pupils will learn choreography that focuses on the contemporary dance style and physical theatre. The dance is based on a stimulus. Skills developed are; coordination, projection flexibility, extension, confidence, strength and expression.	Assessment is via practical assessment in a duet performance. Assessment is ongoing every lesson by the teacher and numerous opportunities to observe each other, and giving feedback to peers.	Full PE kit, bare feet or soft dance shoes. Dance club at lunchtime. Check out the Performing Arts Extra-Curricular programme. We'd love to see you there! Rehearsals for school production after school.

Design Technology	<u>Introduction to textiles: gadget/ book stand</u> This project builds upon skills developed in the Year 7 scheme of work and allows for some techniques to be used again. It extends to include more complex design-and-make activities, as well as providing students with the opportunity to experience computer-aided design and manufacture. The course builds around the students designing and making a gadget/bookstand for a situation and user of their choosing. More demanding processes and techniques are introduced, alongside developing students' understanding of fabric construction. Pupils will also incorporate e-textiles into their final outcome.	Formative: observation through whole- class activities- student participation. Assessment of written content: verbal & written feedback, notes produced in student folios. Plenary quizzes Summative: end of unit assessment of completed product (making assessment).	Cross-curricular links include mathematics, science, communication, problem solving.
Drama	<u>Romeo & Juliet</u> Students will explore key scenes and characters from Shakespeare's Romeo & Juliet. Students will develop an awareness and grasp of Shakespearean language and explore how Shakespeare can be applied in a modern context. learn characterisation through use of voice and facial expression	Ongoing self/peer assessment. Students will perform a scene from Shakespeare using a script.	Check out the Performing Arts Extra-Curricular programme. We'd love to see you there! Rehearsals for school production after school.
French	<u>Module 2 : J'adore les fêtes (Festivals)</u> Point de départ: (Introduction to dates and festivals) Unit 1: C'est carnaval (Describing a festival, using present tense of regular '-er verbs') Unit 2: La fête de la musique (More detailed information about festivals) Unit 3: Et avec ça? (Buying food at the market) Unit 4: Qu'est-ce que tu vas manger? (Saying what you are going to eat on a special day, using partitive articles) Unit 5: Le marché de Noël (Talking about future trips and Christmas market, using the near future tense) Using 3 tenses in each module	Regular vocabulary test on key words taught in the module Mid-Module: Translation End of Module: Listening, Reading, Writing	Student notes in exercise book Resources shared on Google Classroom Dynamo 2 Textbook (in class) Dynamo 2 workbook (in class) Revision work: (Teacher led in class) The Languagenut website is also an excellent resource.

Geography	Tectonic Hazards - The structure of the earth - The tectonic plates - Plate boundaries - Earthquakes - Volcanoes - Case studies of tectonic hazards - The management of tectonic hazards	An in class formal assessment made up of multiple choice, resource response, short answer questions and one longer 6 mark question. Ongoing peer and self-assessment in lessons.	Lessons are all available on Google Classroom. Exercise book. Geography Society https://www.bbc.co.uk/bitesize/topics/zn476sg
German	<u>Kapitel 2 Bist du ein Medienfan?</u> (<u>Module 2 are you a media fan?</u>) Unit 1: Kinoclub (talking about films) Unit 2: Guck mal! (talking about programmes you watch) Unit 3: Lesecke (talking about reading preferences) Unit 4: Bist du süchtig? (discussing screen time) Unit 5: Reading Skills: Rezensionen (understanding media reviews) Unit 6: Extension: Ich kann Deutsch (talking about speaking different languages) Using 3 tenses in each module	Regular vocabulary test on key words taught in the module Mid-Module: Translation End of Module: Listening, Reading, Writing	Student notes in exercise book Resources shared on Google Classroom Stimmt 2 Textbook (in class) Stimmt 2 Workbook (in class) Revision work: (Teacher led in class) The Languagenut website is also an excellent resource.
History	Enquiry question: Was the British empire as great as they say? The unit will begin with where the first colony was, when and an overview of why the British Empire started, to place the time into context we will also look at how the UK developed into the UK, what the experience of the empire was like for India and a focus on Australia for homework, an investigation into the benefits and drawbacks of the British Empire and finishing the unit with how the empire ended and questioning its legacy. Links will be made during this unit to the previous one.	Formal assessment on the utility of a source about the impact of the British Empire on India, On-going peer and self-assessment in lesson	Pupil exercise book and the resources on google classroom. The British Empire - KS3 History - BBC Bitesize

Music	<u>Spooky Music</u> Students will learn some of the key features of creating a "spooky" composition and how to use different tonalities. Students will listen and appraise different extract of "spooky" music with reference to the key features.	On-going self/peer assessment in class. Assessment will be via a composition linked to an image or film trailer in groups.	Notes in student music booklets. Check out the Performing Arts Extra Curricular programme. We'd love to see you there! ECAS perform in Winter Showcase.
PE	Netball: Students will continue to develop skills such as footwork/ pivoting, passing (chest, shoulder, bounce and overhead) and dodging (front, back and side dodges). They will also learn the importance and purpose of the various positions. They will begin to explore tactics and strategies for both attacking and defensive play as they move into game play. Positions: Circle attack – GS, GA Centre court – WA, C, WD Circle defence – GD, GK Sports Hall Athletics: Students will once again be able to experience sprint and middle distance SHA events and using a turn board. Experience field events such as indoor shot, standing long jump etc. This will help students prepare for the sports hall athletics competition.	Assessment is ongoing every lesson by the teacher, self and peer assessment. Assessment is focussed on three key areas via practical assessment and verbal Q&A: -Knowledge; rules, techniques & basic anatomy and physiology in sport -Skill; technique, outwitting opponents & performing at maximum -Understanding; tactics, decision making, analysis of performance & application of knowledge on performance levels.	Full PE kit. Weekly netball club at lunchtime and also after school team practice and matches from Sep – April. Trials to represent the school in the borough SHA competition. Full PE kit. Cross Country Competition in November time
PSHCE	Theme: Living in the Wider World Lesson 1: Plastic Pollution Lesson 2: Extinction Rebellion & Climate change Lesson 3: Belonging & Community: valuing diversity Lesson 4: What is hate crime & how can we make changes? Lesson 5: What are British values? Lesson 6: How can boosting our self-confidence boost our achievement? Lesson 7: What is the role of the Criminal Justice System?	Assessment takes the form of baseline assessments at the start and end of themes through self-evaluation, checking of understanding throughout the lesson, debate and discussions, and teacher's mark book work every 6 weeks, students will complete a feed forward on a piece of work following teacher assessment of work.	Student notes in exercise book Resources shared on Google Classroom Further support/ information/websites is signposted for particular topics in the lesson ppt Newsround is useful to keep up to date on what is happening in the world. Swakeleys school LRC.
RE	Students will begin the unit: 'Ultimate Questions' • What are ultimate questions? • Revelation and religious experiences • Why do we behave morally? • Free will	Ongoing in-class assessment	Lesson resources will be available on Google Classroom for consolidation and revision.

