



Eden Girls

Year 8 Curriculum Booklet 2018



CONTENTS

PREFACE.....	2
ART	3
COMPUTING CURRICULUM.....	5
ENGLISH	6
MODERN FOREIGN LANGUAGE: FRENCH	8
MODERN FOREIGN LANGUAGE: SPANISH.....	10
HUMANITIES	12
MATHEMATICS.....	14
PE.....	16
SCIENCE.....	18

PREFACE

This Curriculum booklet contains details of each subject's curriculum plan. It has been designed for parents/carers, so that they can support their daughters' learning at home. KS3 will be delivered over 2 years. Key Stage 3 will comprise a suite of subjects with greater attention to Numeracy and Literacy.

I hope you find this information helpful.

Shahina Ahmad

Principal

Eden Girls School, Waltham Forest

ART

The Staff:

Ms T.Dauhoo: Teacher of Art

Subject: Art, Year 8

Art is an important area of study for all learners, as it will help them develop as an individual and as a member of society by engaging with our British Heritage and the wider world.

Why is Art important?

Involvement in Art is associated with gains in math's, reading, cognitive ability, critical thinking, and verbal skills. Learning Art can also improve motivation, concentration, confidence, and teamwork. The learners will develop their drawing and observational skills. They will refine their skill by drawing a range of natural objects from first hand observation. Learners will learn about William Morris's art, Pattern design, Islamic Pattern Design, Perspective, Local landmarks, Still life and Pop Art. They will also develop their research skills by learning how to collect visual information with a purpose in mind; explore their linguistic skills by learning to comment on similarities and differences between their own and others' work and will be able to adapt and improve their own work, according to its purpose.

Islamic art seeks to portray the meaning and essence of things, rather than just their physical form; calligraphy is a major art-form and writing has high status in Islam. Learners will explore the significant decoration of writing for objects and on buildings. Learners will link their numeracy with the study of pattern design through geometry. They will also explore the area they live in and look at Mark Bradford and Sue Bayer's work to research about their local community, building and area.

The Curriculum:

	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Key Concepts	Portraiture/ Book Illustration	Portraiture/ Book Illustration	Perspective Where do you think you live.	Where Do You Think You Live/ Pop Art – Logo Design	Pop Art – Logo Design	Still-life
Themes	Francoise Nieilli Head Drawing	Chris Riddell Cartoon	Local Landmarks and Buildings	Local Landmarks/ Buildings/ Pop culture 50's & 60's	Pop Culture 50's and 60's	Still-life Everyday Objects

What will learners be required to do in class and at home?

All learners are provided with a sketch book and a plastic folder to keep their sketch book and any research work or cut outs from magazines. The folder is kept at school but learners are allowed to take the sketch book home when homework is given. In year 8, they will also be expected to bring in objects such as artificial or natural flowers for observation. In class they are expected to do the tasks set which involves drawing, colouring in and painting. In addition, all learners will be given homework to develop key skills and knowledge; please encourage your daughter to read around the subject. We expect each homework to take about 2 hours or more to complete to the best of their ability and ready to submit on time on the due date. Learners may use the internet for research such as when they create the title page and research about an artist, but please do not allow them to 'Copy + Paste' from the web.

How will learners be assessed?

All learners will be assessed half-termly in each subject through a tonal drawing and/or painting which is a homework set and a final task on the topic being studied during that half-term. The final task is usually done at school over two lessons. Teachers will go through the criteria sheet with them so they understand what they need to do to achieve the level they are aiming for.

Useful resources:

Visits to galleries such as William Morris and National Gallery will inspire and fuel their creativity. Websites such as the following are very helpful:-

<http://kids.tate.org.uk/>

<http://www.nga.gov/kids/kids.htm>

Who you should see if you have any questions:

Please contact Ms Dauhoo if you have any queries by either writing a note in your daughter's planner or leaving a message at reception.

COMPUTING CURRICULUM

The Staff:

Mrs A Ayub: Director of Learning for Computing and Creative studies

Mr N Swati: Teacher of Computing & Maths

Subject: Computer Science Year 8

Learners will be studying the exciting new KS3 computing curriculum. A high quality computing curriculum will allow learners to use computation thinking and creativity to change the world. Computing has deep links with Mathematics, Science and Design Technology, and provides insight into both natural and artificial systems.

The core of computing is Computer Science, in which learners are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through programming.

The Curriculum:

	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
COMPUTING – YEAR 8	Connecting to the Internet & Getting down and dirty with networks E-Safety Cyberbullying & grooming	Sorted & Searching	Python programming ESafety Day 2017	Operating Systems Computer Architecture	Binary Representing Sounds	Digital Creativity Project

What will learners be required to do in class and at home?

Learners must keep their login information private and must be pro-active in keeping their information safe. Learners must bring their exercise book to each lesson and ensure all classwork and homework is completed to the best of their ability.

The resources listed at the end of this page are vital in helping learners bridge the gaps in their knowledge. Learners must become proficient in programming languages, in order to be successful at KS4.

How will learners be assessed?

All learners will be assessed half-termly. The assessment will be made up of peer assessment, homework, class project tasks and end of unit tests. Learners will sit an end of year test in June, where their final grade will be assessed.

How will learners progress at KS4?

In KS4 we will offer two pathways for GCSE. These will be BTEC Tech Award and GCSE Computer Science.

Useful resources:

http://www.bbc.co.uk/education/subjects/zvc9q6f	http://www.w3schools.com/
http://www.codecademy.com/	http://code.org/learn
https://www.khanacademy.org/computing/cs	http://www.learnpython.org/

Who you should see if you have any questions:

Please contact Mrs A Ayub if you have any queries or questions by either writing a note in your daughter's planner or leaving a message at reception.

ENGLISH

The Staff:

Ms Patel: Director of Learning for English
Ms Attas: Teacher of English & SEND Coordinator
Ms Descombes: Deputy Director of Learning for English
Ms Malik: Teacher of English and Assistant Principal
Miss Khatun: Teacher of English
Ms Asbali: Teacher of English
Ms Dedat: Teacher of English
Ms Begum: Teacher of English (on maternity leave)

Subject: English Year 8

Year 8 students at Eden Girls' School will be given the opportunity to express their creativity as well as challenge themselves academically through a variety of topics and tasks throughout the year. The range of subjects covered in English cater perfectly for the new curriculum, encompassing the rich literary works of pre and post 19th century in poetry, prose and drama, alongside contemporary texts and functional skills. The nature of the curriculum has been designed to allow the learners to become familiar with skills that will take them through to their GCSE exams and beyond

The Curriculum:

Autumn Term		Spring Term		Summer Term 1	Summer Term 2
Crime and Deduction		Writing About War		Shakespeare, Revision & Exam Prep.	Short stories: Life and Death
Detective stories: <ul style="list-style-type: none"> • Sherlock Holmes stories • Extracts from modern detective stories/novels Narrative Writing	Non-fiction texts on the themes of justice, freedom and heroes Writing non-fiction texts	WW1 poetry Non-fiction on theme of war Writing texts to persuade: speeches	WW1 poetry Fiction – modern and 19th century - on theme of war Creative writing to describe or narrate	Macbeth Revise creative writing	Short stories: Life and Death

What learners will be required to do in class and at home:

Eden Girls' School expects learners to be highly punctual, well-equipped, and always working to the best of their ability. Class work will include various reading, writing and speaking and listening tasks throughout the year, as well as a significant emphasis on improving students' spelling, punctuation and grammar. Drama will also be practised within the curriculum. Learners will be set homework on a weekly basis, usually in relation to the topic that is being covered in class work at the time. Learners will also be set reading homework, and they will be tested on this via Accelerated Reader.

How will learners be assessed?

Tracking learners' progress is of extreme importance to us at Eden Girl's School. Learners are assessed on a daily basis via their classwork and homework, assessed formally at the end of every half term through a reading or writing assessment in class and sit a formal end of year examination. Learners' reading ability will also be tested through Accelerated Reader and STAR reader tests.

Useful resources:

There are many useful websites to assist with English skills and learning, here a few well-known sources:

http://www.bbc.co.uk/bitesize/ks3/ http://www.oed.com/	http://www.wilfredowen.org.uk/home/ http://nfs.sparknotes.com/
--	--

Who you should see if you have any questions:

If you have any questions regarding English, please contact Ms Patel or any member of the English team.

MODERN FOREIGN LANGUAGE: FRENCH

The Staff:

MS.HABIBI: Director of Languages French and Spanish

Ms Beatriz Quiroga-Brads: Teacher of Spanish and French

Ms R. Nady: Teacher of French and Spanish

Subject: French Year 8 RED

Language education is an integral part of a balanced school curriculum. It plays an important role in preparing learners for effective participation as global citizens of the 21st century. Learning a foreign language is a liberation from insularity and provides an opening to other cultures. A high-quality languages education should foster learners' curiosity and deepen their understanding of the world. The teaching should enable learners to express their ideas and thoughts in another language and to understand and respond to its speakers, both in speech and in writing. It should also provide opportunities for them to communicate for practical purposes, learn new ways of thinking and read great literature in the original language. Language teaching should provide the foundation for learning further languages, equipping learners to study and work in other countries.

The Curriculum:

	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Key Concepts	Linguistic Competence Knowledge about language Intercultural understanding Creativity					
Themes	TV programs Cinema Reading Internet Past plans Opinions	Tourism Paris National Holidays Tourist Attraction Travelling	Personality Friendship Music Opinion Fashion Style Present/Past/ Future Passion	Home/House Food Shopping Carnival Present/Past/ Future Events	Ambitions Giving Commands Description Being the Best	Francophonie Sciences French Revolution

What will learners be required to do in class and at home?

Learners are expected to come to lessons fully equipped. A text book and dictionary will be provided to them during the lesson. Learners are expected to:

- listen attentively to spoken language and show understanding by joining in and responding
- explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words
- engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help
- speak in sentences, using familiar vocabulary, phrases and basic language structures
- develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- read carefully and show understanding of words, phrases and simple writing
- broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary

- write phrases from memory, and adapt these to create new sentences, to express ideas clearly
- describe people, places, things and actions orally and in writing
- understand basic grammar appropriate to the language being studied, such as (where relevant): feminine, masculine and neuter forms and the conjugation of high-frequency verbs.

How will learners be assessed?

All learners will be assessed half-terminally, through a Reading and Writing task set as homework and a Listening and Speaking test on the topic being studied during that half-term.

Useful resources:

The following websites might be helpful to practice French independently:

- [Courrier international](#) READ - Newspaper
- [RFI Savoir](#) LISTEN – Radio French Station
- [Linguascope](#) WRITE FRENCH & SPANISH 4 skills
- [Duolingo](#) SPEAK
- [Learn French with FrenchPod101.com](#) LISTEN
- [Vocab Express](#) VOCABULARY PRACTICE

Who you should see if you have any questions:

Please contact **MS.HABIBI** if you have any queries by either writing a note in your daughter's planner or leaving a message at reception.

MODERN FOREIGN LANGUAGE: SPANISH

The Staff:

MS.HABIBI: Director of Languages French and Spanish

Ms Beatriz Quiroga-Brads: Teacher of Spanish and French

Ms R. Nady: Teacher of French and Spanish

Subject: Spanish – Year 8

Language education is an integral part of a balanced school curriculum. It plays an important role in preparing learners for effective participation as global citizens of the 21st century. Learning a foreign language is a liberation from insularity and provides an opening to other cultures. A high-quality languages education should foster learners' curiosity and deepen their understanding of the world. The teaching should enable learners to express their ideas and thoughts in another language and to understand and respond to its speakers, both in speech and in writing. It should also provide opportunities for them to communicate for practical purposes, learn new ways of thinking and read great literature in the original language. Language teaching should provide the foundation for learning further languages, equipping learners to study and work in other countries.

The Curriculum:

	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
Key Concepts	Linguistic Competence Knowledge about language Intercultural understanding Creativity					
Themes	Greetings Numbers Alphabet Classroom Gender	School Expressing likes/dislikes Opinions Food	Family Description Numbers Pets Colours	Countries Home House Location Activities Europe	Free Time Giving Sport Going out	Description of Town Places in town Invitations Weather

What will learners be required to do in class and at home?

Learners are expected to come to lessons fully equipped. A text book and dictionary will be provided to them during the lesson. Learners are expected to:

- listen attentively to spoken language and show understanding by joining in and responding
- explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words
- engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help
- speak in sentences, using familiar vocabulary, phrases and basic language structures
- develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- read carefully and show understanding of words, phrases and simple writing
- write phrases from memory, and adapt these to create new sentences, to express ideas clearly
- describe people, places, things and actions orally and in writing

- understand basic grammar appropriate to the language being studied, such as (where relevant): feminine, masculine and neuter forms and the conjugation of high-frequency verbs.

How will learners be assessed?

All learners will be assessed half-termly, through a Reading and Writing task set as homework and a Listening and Speaking test on the topic being studied during that half-term.

Useful resources:

The following websites might be helpful to practice French independently:

- [El Mundo](#) (READ - newspaper)
- [RFI Savoir](#) (LISTEN - radio)
- [Linguascope](#) (WRITE)
- [Duolingo](#) (SPEAK)
- [Learn Spanish with SpanishPod101.com](#) (LISTEN)

Who you should see if you have any questions:

Please contact **MS.HABIBI** Kane if you have any queries by either writing a note in your daughter's planner or leaving a message at reception.

HUMANITIES

History, Geography, RS and PSHCE

The Staff:

Ms A. Mayet: Assistant Principal & Director of Learning - Humanities

Ms J. Munteanu: Teacher of Geography

Ms Z. Aswat: Teacher of History

Ms A. Ahmad: Teacher of History & Citizenship

Ms R. Khatun: Teacher of Geography & English

Ms A. Saleban: Teacher of PSHCE & Science

Ms R. Nady: Teacher of PSHCE & MFL

Ms A. Chaudhury: Teacher of PSHCE (Head of Year 7 & 8)

The Humanities Faculty Subjects:

In Year 8, all learners have separate specialist teaching of History, Geography, Religious Studies (RS) and Personal Social Health and Citizenship Education (PSHCE). Within the faculty, all learners will have two History and Geography lessons a week and one each of the other subjects this year; this will increase in subsequent years. In RS, the six major world religions (Judaism, Christianity, Islam, Hinduism, Buddhism and Sikhism); as well as humanism will be studied. In PSHCE, students will learn about puberty, relationships and aspects of sex education later in the year.

Why are Humanities subjects important?

Humanities is an important area of study for all learners, as it will help them develop as an individual and as a member of society, by engaging with our British heritage and the wider world. They will develop their ability to articulate themselves in written and spoken form; they will hone their skill in presenting arguments by executing an acute analysis of information before reporting a balanced point of view thus leading them to make an informed judgement. Our learners' excellence in the Humanities field will have a direct positive impact on their involvement in Eden Girls' Big Society projects.

What will learners study in Year 8?

	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
HISTORY	A New Century – The 20 th Century	The First World War	Europe between the Wars & The Origins of WW2	The Holocaust	The Second World War- the Home Front /Exam Revision	Into the modern world/ Going Global
GEOGRAPHY	Weather and Climate	Coasts	World's Population	UK's population	Cartographic skills / Exam Revision	India
RS	Ethics – Rights & Responsibilities	Expressions of Faith – Places and Leaders	Beliefs & Teachings – Existence of God	Ethics – War & Conflict	Exam Revision	Pre-GCSE: Inter-faith project
PSHCE	Personal Wellbeing	Being an Active Citizen	Social Education	Economic & Financial Capability	Keeping Healthy	Independent research project

What will learners be required to do in class and at home?

All learners are expected to come fully equipped for lessons with their exercise book. In class they need to immerse themselves into the lesson with active participation, through speaking, listening, reading and writing. In addition, all learners will be given homework to complete in all four subject areas once a week to develop key skills and knowledge; please encourage your daughter to read around the subject. We expect each piece of homework to take

about 30 minutes to complete to the best of their ability and ready to submit on time on the due date. Students may use the internet for research, but please do not allow them to 'Copy + Paste' from the web.

How will learners be assessed?

All learners will be assessed half-termly in each subject through a written assessment based on the topic being studied that half-term. In June, they will have an End of Year exam, assessing them on all topics studied that year, within each subject.

How will learners progress at KS4?

At the end of Year 8 the faculty will support students in making a guided choice between studying for a GCSE in History or Geography. In Year 9, all learners will begin their GCSE in Religious Studies and Citizenship in addition to starting their GCSE in either History or Geography. Therefore at the end of Year 11 all students will leave the Humanities Faculty with three GCSEs.

Useful resources:

Generic (suitable for all subjects)

BBC Bitesize - KS3: www.bbc.co.uk/education/levels/z4kw2hv

BBC Schools – Secondary: www.bbc.co.uk/schools/websites/11_16/

Channel 4 Learning – Secondary: www.channel4learning.com/index.html

BBC Two Learning Zone – Educational Video clips:

www.bbc.co.uk/programmes/articles/2yTv1VbknpXX03VsfcqmPTL/learning-zone-ages-11-13

History:

www.historylearningsite.co.uk/

www.schoolhistory.co.uk

Geography:

www.geographyalltheway.com/ks3_geography.htm

www.coolgeography.co.uk

Who you should see if you have any questions:

In the first instance all subject specific queries should be referred to the teacher for that subject, by either writing a note in your daughter's planner or leaving a message at Reception. For more serious concerns, please refer your query to the Assistant Principal & Director of Learning for Humanities & Sport – Ms Mayet.

MATHEMATICS

Mrs J. Phillips: Director of Learning: Mathematics
Mrs Y. Delli: Deputy Director of Learning: Mathematics
Mr S. Khaliq: Deputy Principal & Teacher of Mathematics
Ms H. Chana: Teacher of Mathematics & Careers Coordinator
Mrs S. Hossein: Teacher of Mathematics & STEM Coordinator
Ms. D. Abukar: Teacher of Mathematics
Ms I. Ali: Teacher of Mathematics
Mr N. Swati: Teacher of Mathematics & Computer Science

Subject: Mathematics Year 8

Mathematics contributes to the Eden curriculum by enabling learners to develop fluent mathematical methods and concepts, solve problems, reason mathematically and communicate mathematical information in a variety of forms.

Here at Eden Girls' School the Mathematics Department aims to ensure that student enjoyment and progress is at the core of all teaching, learning and activity.

The Curriculum:

During the course of the year, learners at Eden Girls' School, will follow the Key Stage 3 National Curriculum for Mathematics. This caters for all learners and prepares them well for the GCSE content.

The Scheme of Work in place is fully differentiated and covers all the key areas of Mathematics which include:

TERM	UNIT	TOPICS
AUTUMN TERM 1	Number	Factors, Multiples, Primes, LCM, HCF, Squares and Cubes
	Measures	Metric & Imperial Measure, Perimeter, Area of a rectangle, triangle, parallelogram & trapezium
	Algebra	Indices, Simplifying, Formulae
AUTUMN TERM 2	Number	Fractions & decimals, Adding/subtracting fractions, Percentages, FDP
	Measures	Properties of triangles/quadrilaterals, Angles
	Algebra	Drawing a straight line graph, Equation of a straight line
SPRING TERM 1	Number	Mental Calculations, Powers of 10
	Statistics	Data Collection, Averages from tables, Scatter Graphs, Stem & Leaf Diagrams
	Measures	Transformations
SPRING TERM 2	Algebra	Solving multi-step equations
	Number	Written methods of calculations
	Measures	Constructing triangles, bisectors, perpendiculars, loci, Scale drawings, bearings
SUMMER TERM 1	Algebra	Sequences
	Measures	3D shapes, plans & elevations, surface area & volume of a cuboid
	Ratio & Proportion	Simplifying a ratio, dividing in a given ratio, proportion
SUMMER TERM 2	Probability	Probability scale, experimental & theoretical probability

In addition to these areas, learners will also be given extensive practise in becoming fluent in mathematics, problem solving and reasoning mathematically.

What will learners be required to do in class and at home?

A variety of teaching methods will be employed during the mathematics lessons and a range of tasks will be set that challenge, enthuse, motivate and demand the active participation of the learners.

Learners will be encouraged to progress through the tasks and hence deepen their knowledge and understanding of Mathematics.

Learners will also be set a 30 minute mathematics homework task per week. The aim of this homework is to consolidate, extend or research.

How will learners be assessed?

Learners will continually be assessed during lessons to ensure that they understand the content and that the mathematical ideas can be applied.

They will also be sitting end of Unit Assessments, half termly progress tests and review tests to demonstrate the progress they are making. In June, they will have an End of Year exam, assessing them on all the topics studied during the course of the year.

How will learners progress at KS4?

In KS4 all learners will complete a GCSE Mathematics exam at either Foundation or Higher Tier.

Useful resources:

www.nrich.com

www.vle.mathswatch.co.uk

Who you should see if you have any questions:

If you have any queries or concerns about the Mathematics Curriculum here at Eden Girls' then please do not hesitate to contact your daughters' Mathematics teacher or **Mrs J. Phillips**: Director of Learning: Mathematics.

PHYSICAL EDUCATION

The Staff:

Ms L. Irvine: Teacher of PE

Ms. H. Dadabhoj: Teacher of PE (Head of Year 9 & 10)

Physical Education:

In Year 8, all learners will have two Physical Education lessons a week. In PE, your daughter will have an opportunity to engage and participate in physical sports, focusing on different sports every half term. Your daughter is expected to arrive equipped to learn for every PE lesson, with the correct full PE kit and footwear.

Why is PE important?

Physical Education focuses upon the different ways of staying fit and healthy. Pupils engage in various activities throughout the year including sports and aerobics. Whilst undertaking these activities they learn, maintain and develop their skills through coordination, balance, agility and many more. Physical Education teaches students the importance of physical health. Secondary school is an age where students misinterpret the meaning of "overweight" and eating disorders prevail. Physical health and education informs students on sound eating practices and the essential guidelines for nutrition. She will develop her ability to articulate herself in written and practical form. Your daughter's excellence in the Physical Education field will have a direct positive impact on her involvement in Eden Girls' sports days and tournaments where she will have an opportunity to represent the school and showcase Sports Leadership in action.

What will my daughter study in Year 8?

	AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
PE	Netball	Badminton	Basketball	Fitness/ Aerobics	Football	Athletics

What will my daughter be required to do in class and at home?

Your daughter is expected to come fully equipped for lessons with her P.E kit. In class she needs to immerse herself into the lesson with active participation, through speaking, listening and practicing. In addition, your daughter will be given homework to practice specific sporting techniques once a week to develop key skills and knowledge; encourage your daughter to practice the techniques. We expect each homework to take about 30 minutes to complete to the best of her ability and ready to submit on time on the due date. Your daughter may use the internet and DVD'S for research and practice.

How will my daughter be assessed?

Your daughter will be assessed half-termly for each sport through a written or practical assessment based on the topic being studied that half-term. In June, she will have an End of Year exam, written and practical assessing her on all topics studied that year.

How will learners progress at KS4?

At the end of Year 8 students will be given an opportunity to select GCSE PE as an option. Those that do not take a GCSE in PE will continue with having weekly lessons to meet the statutory requirement.

Useful resources:

BBC Bitesize - KS3: www.bbc.co.uk/education/levels/z4kw2hv

BBC Schools – Secondary: www.bbc.co.uk/schools/websites/11_16/

Channel 4 Learning – Secondary: www.channel4learning.com/index.html

Who you should see if you have any questions:

In the first instance all subject specific queries should be referred to your daughter's PE teacher Ms Irvine; by either writing a note in your daughter's planner or leaving a message at Reception. For more serious concerns, please refer your query to the Assistant Principal & Director of Learning for Humanities & Sport – Ms Mayet.

SCIENCE

Biology, Chemistry, Physics

The Staff:

Mr Z Ahmed: Director of Learning: Science

Ms R Rafiq: Assistant Principal and Teacher of Science

Ms A Saleban: Teacher of Science

Mr I Abdur-Rahman: Teacher of Science

Ms S Ahmed: Teacher of Science

Dr. A Mohammed: Teacher of Science and Drama

Ms T Mehtab: Teacher of Science

Subject: Science, Year 8

Science Year 8 - Exploring Science – Working Scientifically

The Curriculum:

	BIOLOGY	CHEMISTRY	PHYSICS
Autumn term 1	Food & Nutrition	Combustion	Fluids
Autumn term 2	Plants	Periodic Table	Light
Spring term	Breathing & Respiration	Metals and their uses	Energy Transfer
Summer term	Unicellular Organisms	Rocks	Earth and Space

What learners will be required to do in class and at home?

There will be a higher focus on skills for Year 8 Science. Learners will be working on both theoretical and experimental aspects of Science. This will enable our learners to gain practical skills and understand the thinking behind scientific phenomenon.

Learners are expected to complete 2-3 pieces of Homework (for every topic) to reinforce their learning from class. This will also help learners to revise and prepare for the End of Unit Test.

How will learners be assessed?

End of Unit Tests - Every 2 weeks at the end of the topic, to assess their understanding of the topic of study. This means that there will be an assessment for a Biology topic, a chemistry topic and a Physics topic every half term.

Useful resources:

Online BBC Bitesize for Key Stage 3 (KS3)

CGP **workbooks** for Biology, Chemistry and Physics, these can be bought from shops and websites such as WHSmith and Amazon.

Who you should see if you have any questions:

Mr Z Ahmed (Director of Learning for Science)

