

IES Breckland 2017-18 Year 8 Curriculum Map

Subject:	Science
Year:	8
Overview	Year 8 students cover Physics, Biology and Chemistry in their Science lessons. There is a mixture of practical work and theory lessons. Pupils will start to develop a more detailed knowledge of the particulate nature of matter, body systems and energy.
For KS4	
Number of lessons over 2 weeks	6
Break down by term	<p><i>Autumn 1 & 2, Spring 1</i> <i>2 topics each half term from the following:-</i> <i>Periodic table</i> <i>Combustion</i> <i>Energy transfers</i> <i>Fluids</i> <i>Breathing and respiration</i> <i>Food and nutrition</i></p>
	<p><i>Spring 2, Summer 1 & 2</i> <i>2 topics each half term from the following:-</i> <i>Rocks</i> <i>Earth and Space</i> <i>Plants</i> <i>Unicellular</i> <i>Light</i></p>
How will students be assessed	End of unit tests and extended writing tasks.
How can parents support their child in their learning	By consolidating work using BBC KS3 Bitesize and by listening to or reading about developments in Science in the media e.g. Newsround/ New Scientist.

Subject:	Mathematics
Year:	8
Overview	Year 8 Mathematics will develop and extend the work that students did in Year 7, preparing them for the start of the GCSE course in Year 9.
For KS4	<i>AQA GCSE Mathematics 8300 Specification</i>
Number of lessons over 2 weeks	7
Break down by term	<p><i>Autumn 1 & 2</i> Probability Algebra 3 Shape Properties Transformations</p>
	<p><i>Spring 1 & 2</i> Triangles & Constructions Proportion 2 Interpreting Data Solving Equations & Inequalities</p>
	<p><i>Summer 1 & 2</i> Circles Plotting & Sketching Graphs</p>
How will students be assessed	End of topic tests. Formal end of year tests in the hall.
How can parents support their child in their learning	Encourage practising of timetables through TT Rock Stars and supporting homework.

Subject:	ICT
Year:	8
Overview	At IES Breckland, year 8 students follow a dynamic and engaging ICT curriculum. The programme of study has been designed to allow students to build and develop upon their existing ICT capabilities, preparing them with the skills required at GCSE level.
Number of lessons over 2 weeks	2
Break down by term	<p><i>Autumn 1:</i> E-safety - Students will be reminded about the dangers of social networking and will investigate ways to ensure that they can remain safe when using the internet. Students will be reminded about how to keep their data secure and also how to ensure that their online accounts are setup correctly to minimise the risks of online predators. Additionally students will look at other areas of safeguarding which will include topics to allow students to understand the risks associated with terrorism and develop their knowledge and skills to be able to challenge extremist arguments.</p> <p><i>Autumn 2:</i> <i>Spreadsheets</i> – Students will investigate the use of spreadsheets. The unit will cover simple calculations and formulae, lists, charts, and making predictions through modelling. During this unit, students will use and create spreadsheets to allow them to explore their functionality.</p>
	<p><i>Spring 1:</i> Programming - Students will revisit basic programming concepts before moving onto a text based programming language. Students will embark on a journey that encourages problem solving and includes the development of complex text based programs.</p> <p><i>Spring 2:</i> Databases – This unit will cover what databases are used for, how they are structured and how to create a simple database. Students will carry out a small data handling project to allow them to understand the basic principles of databases.</p>
	<p><i>Summer 1:</i> Websites - This will give learners an opportunity to create a website using web authoring software. Students will look at the features of good website design before developing their own. Some students will explore the use of HTML and CSS to code their website.</p> <p><i>Summer 2:</i> Enterprise project – This project will allow students to work as part of a team to develop a variety of linked products. Students will consolidate their learning by developing products using the software that they have used throughout the last year.</p>
How will students be assessed	Students will be assessed at the end of each topic. Assessments are usually carried out on the computers and generally involve a practical activity which allows students to apply their learning and demonstrate the skills that they have learnt throughout each topic.
How can parents support their child in their learning	Students will be using a variety of different open source software during each topic, which is free and readily available to download.

Subject:	Ethics, Philosophy and Religion
Year:	8
Overview	<i>Year 8 is an opportunity for students to developing their thinking skills and wider knowledge of ethics, philosophy and religion. There is a focus on moral principles and how what we believe to be right and wrong can lead us to different behaviours and actions. We will also make connections to British Values which include respect, tolerance and diversity.</i>
For KS4	N/A
Number of lessons over 2 weeks	3
Break down by term	<i>Autumn 1 & 2 Prejudice, Discrimination and Tolerance Independent study project and study skills with a focus on Prejudice, Discrimination and Tolerance.</i>
	<i>Spring 1 & 2 The study of Buddhism The study of Sikhism</i>
	<i>Summer 1 & 2 Exploring ethical issues. Independent study project with a focus on a range of ethical issues in the 21st century.</i>
How will students be assessed	Students will be assessed through a range of GCSE style exam questions. These will range from 1, 2, 4, 5 and 12 mark questions. There will be a minimum of 6 assessments across the academic year.
How can parents support their child in their learning	Share some discussion time with your child about current ethical issues. Encourage them to develop their own reasoning and judgements at the same time as recognising there are different points of view. Keep asking them the 'why?' question.

Subject:	Geography
Year:	8
Overview	<i>To give students a firm foundation in Geographical skills in the run-up to their GCSE years</i>
For KS4	N/A
Number of lessons over 2 weeks	4
Break down by term	<i>Autumn 1 & 2</i> <u>Changing China</u> <u>Energy and resources</u>
	<i>Spring 1 & 2</i> <u>Cold environments- Antarctica</u> <u>The Geography of Music</u>
	<i>Summer 1 & 2</i> <u>Shaping landscapes</u> <u>Globalisation</u>
How will students be assessed	To include... Wind energy decision making exercise, Perform a piece of cultural music and explain the relevance of the music to the culture of the place, Fieldwork report, GCSE exam style questions
How can parents support their child in their learning	Ensure that home learning is completed on time and to the expected standard. Encourage them to watch documentaries about geographical topics.

Subject:	History
Year:	8
Overview	Year 8 History is about developing the skills gained in Year 7, and pushing those to a higher level. Students do this whilst looking at a range of topics that demonstrate how the 19 th and 20 th centuries have shaped modern day Britain.
For KS4	N/A
Number of lessons over 2 weeks	4
Break down by term	<i>Autumn 1 & 2</i> <i>Key skills for History – recap unit.</i> <i>The Slave Trade and its abolishment.</i> <i>WW1</i>
	<i>Spring 1 & 2</i> <i>The Suffragettes and votes for women</i> <i>The Rise of a Dictator – Hitler between WW1 and WW2</i>
	<i>Summer 1 & 2</i> <i>WW2</i> <i>The Holocaust</i>
How will students be assessed	Students will be assessed through a range of GCSE style exam questions. These will range from 4, 8, 12 and 16 mark questions. There will be a minimum of 6 assessments across the academic year.
How can parents support their child in their learning	Speak to students and ask them questions about the time periods they are studying. Keep an eye out for any suitable and age appropriate TV, Film or documentaries about the topics. When home learning is set, encourage them to discuss their work and show that you are interested – as this will impact on their interests!

Subject:	Physical Education
Year: 8	
Overview	<i>Pupils in Year 8 will build on the foundations explored in Year 7. Throughout this year pupils will participate in sports that are suited to their needs, in a challenging environment. Lessons will be geared towards GCSE PE and National Governing Body Awards. As the same in Year 7, pupils will find themselves in mixed gender groups, playing for teams and participating in competitive situations.</i>
Number of lessons over 2 weeks	4
Break down by term	<i>Pupils in Autumn 1 and 2 will participate in Fitness, Badminton, Football and Aesthetics.</i>
	<i>Pupils in Spring 1 and 2 will participate in Rugby, Basketball</i>
	<i>Pupils in Summer 1 and 2 will participate in Tennis, Cricket and Athletics.</i>
How will students be assessed	Pupils are assessed in PE's 6 Key Concepts. Pupils will be assessed in Leadership, Coaching, Performance, Decision Making, Character and Health Related Fitness.
How can parents support their child in their learning	Pupils can support their child by encouraging them to attend after-school clubs, participate in fixture and ensure Home Learning is completed.

Subject:	Art
Year:	8
Overview	<i>Basic painting skills and gaining confidence in mark making</i>
For KS4	<i>Working towards AQA Art & Design</i>
Number of lessons over 2 weeks	2
Break down by term	<i>Autumn 1 & 2 Investigating and comparing Modigliani & Manga – use of proportions and the Italian Earth palette Investigating Martyna Shapiro and using a Fauves colour Palette</i>
	<i>Spring 1 & 2 Planning, sighting and composing a still life Contrasting and comparing historical and contemporary artists</i>
	<i>Summer 1 & 2 Investigation techniques – focused on Pop Art movement Gaining control of line work through a detailed and controlled piece of Zentangle</i>
How will students be assessed	Once a term via feed back sheet
How can parents support their child in their learning	Artteacher41.weebly.co.uk has been set up with in depth information links and HLT information

Subject:	Music
Year:	8
Overview	<i>Building on the skills introduced in year 8, students will develop their instrument skills learning more challenging pieces and playing music in a wider variety of styles. The ideas of Impressionism will extend the student's stylistic pallet. Film Music and Protest Songs will examine the social significance of music in the 20th and 21 centuries.</i>
For KS4	<i>Exam board/unit descriptor/website for reference and resources</i>
Number of lessons over 2 weeks	2
Break down by term	<i>Autumn 1 & 2 Beethoven and Romantic music Using major and minor chords</i>
	<i>Spring 1 & 2 The advanced guitar Music and the movies</i>
	<i>Summer 1 & 2 Impressionism Protest Songs</i>
How will students be assessed	Students are assessed through a series of performance challenges which examine their instrumental skills, composing and their abilities to respond to music by listening. Each unit includes a practical challenge that builds these skills and confidence.
How can parents support their child in their learning	Parents should encourage their children to listen to a wide variety of music and to be involved in music for the simple fun and pleasure of playing.

Subject:	French
Year:	Year 8
Overview	In Year 8, pupils will start to learn more complex language to prepare them for further studies at Key Stage 4. Pupils will learn to appreciate cultural influences and diversity. Exciting topics this year include a study of West Africa and the Paris Dakar race. By the end of the year pupils will be using three tenses and producing complex opinions.
Exam board	AQA http://www.aqa.org.uk/subjects/languages/gcse/french-8658/introduction
Number of lessons over 2 weeks	3
Break down by term	<i>Autumn 1 & 2</i> Pupils will explore family and home life and compare different cultures. This term introduces the past tense in the context of free-time activities and pupils will be able to write a blog post about what they did last weekend.
	<i>Spring 1 & 2</i> In the Spring term, students will learn about accepting or declining invitations to go out. They will be able to translate restaurant reviews and learn about jobs in the food industry. Pupils will be using complex opinions.
	<i>Summer 1 & 2</i> Pupils will learn to talk about holidays in three tenses with a focus on French speaking countries. This term will also cover the role of technology in the U.K and France. Pupils will produce longer texts using adjectives and correct word order.
How will students be assessed	Students will be assessed in all four skills: reading, writing, listening and speaking with assessments based on the GCSE level descriptors.
How can parents support their child in their learning	Parents can support their child by encouraging them to use the duolingo app/website to practise vocabulary.

Subject:	Spanish
Year:	Year 8
Overview	Year 8 Spanish will introduce the language and culture of Spanish speaking countries. By the end of the year, students will be able to produce and understand short paragraphs, give opinions and use connectives and intensifiers.
Exam board	AQA
Number of lessons over 2 weeks	1 http://www.aqa.org.uk/subjects/languages/gcse/spanish-8698/introduction
Break down by term	<i>Autumn 1 & 2</i> Pupils will learn how to greet one another and introduce themselves and their families in short sentences. They will compare English and Spanish schools and be able to understand and produce short sentences.
	<i>Spring 1 & 2</i> By the end of the Spring term, students will learn how to talk about where they live. They will learn about the customs and traditions of Spain and other Spanish speaking countries. Students will build on their skills by using more complex opinions, producing and understanding longer sentences.
	<i>Summer 1 & 2</i> Pupils will learn to accept or decline invitations to go out. They will be able to translate restaurant reviews and learn about jobs in the food industry. Pupils will be using simple opinions.
How will students be assessed	Students will be assessed in all four skills: reading, writing, listening and speaking with assessments based on the GCSE level descriptors.
How can parents support their child in their learning	Parents can support their child by encouraging them to use the duolingo app/website to practise vocabulary.