

YEAR 7

Dear Parents and Carers,

This is an overview of the topics that your child will be studying in the Third half term of Year 7 (January and February). If you have any queries about a subject, please contact the Curriculum Directors of each faculty (contact information below).

Subject	The topics that your child will be studying	An outline of the course over the half term
Maths	NP4- Powers, Roots and Primes	<i>Know and use square numbers up to 15^2 and cube numbers up to 10^3, including their roots. Be able to express numbers as a product of their prime factors.</i>
English	Classical Concepts	<i>A study of Greek mythology and narrative writing skills.</i>
Science		
Geography	Development – ‘Are countries a prisoner of their own Geography?’	<i>This unit introduces students to the concept of development and the factors that impact the development of a country. The importance of factors such as climatic, trade routes, natural resources and population size are studied. The unit concludes by exploring the changing global population distribution, influence of migration and emergence of megacities.</i>
History	Local History unit ‘How much has life changed in the past 100 years in Ilkeston?’	<i>In doing this, students analyse the reasons why it is important to study local history, and they also explore the interpretations of local Historians. Whilst doing this, students will be able to identify the similarities and difference over time and whether all changes are positive contributions to the local area.</i>
Religious Education	Was Jesus the Jewish Messiah?	<i>Students begin by studying Isaiah’s prophesy of a Jewish Messiah and then look at the life of Jesus to decide if they think he is the Messiah.</i>
French	French Unit 2 – Free Time	<i>Students will continue the unit 2 topic on Free time where they will be able to talk about what they like to do in their free time, giving opinions on what they are interested in. They will also develop their understanding of negative phrases to talk about their dislikes too.</i>
Physical Education	Students will be studying a Mastery Curriculum developing motor competence, rules strategies and tactics and healthy participation, building upon their KS2 knowledge. All students will study Basketball, Badminton and Football on a 6 week cycle	<i>Basketball – Shooting, Passing, Dribbling and Attacking/Defensive tactics Badminton – Stance and Movement, Serve, Forehand/Backhand Football- Passing and receiving, Movement, Shooting and Defending</i>
Art	Architecture	<i>Students will be exploring the Spanish architecture of Antoni Gaudi and how he gained his inspiration from the natural world</i>

		for the creation of his buildings. They will then be exploring the work of Spanish graffiti artist El Pez. They will take inspiration from to create a series of monoprints that will form the glass of their window frame inspired by Gaudi.
Drama	Elizabethan theatre	Students will study the theatrical conditions of Elizabethan theatre and look at the staging of key scenes from A Midsummer Night's Dream
Music	Music Topic 3: Keyboard Skills	Students will explore the functions of the keyboard, note values, reading and performing from treble clef notation.
IT	Games Design in Scratch	Students will be studying computer games programming and design using visual, block-based coding in Scratch. This should build on skills developed in Key Stage 2 which primaries often use. It will start from the basic principles though, so all should be able to access regardless of provision at KS2.
Design and Technology	Graphics*	Using creativity and imagination pupils will design a chocolate bar brand focusing on the graphic design element. Key topic areas are: <i>Fonts Theory, Colour Theory, Computer Aided Design, Logos and Brands, Nets.</i> To create their very own chocolate brand and promotional packaging.
Design and Technology	Resistant Materials*	Pupils will design and make an acrylic clock based upon a given design movement. Key topic areas are <i>Health And Safety, Design movements / initial design ideas, Design Development, Card Modelling, Making, Evaluating.</i> Pupils will use draw files, coping saws, pillar drill's, machine polisher and sandpaper.
Design and Technology	Cooking and Nutrition*	Eat a Rainbow Project, key topic areas are: <i>Health And Safety, Healthy Eating / Nutrition, Food Science, Making.</i> Pupils will cook a range of dishes mixed though out the theory lessons, dishes including <i>Rainbow salad, rocky road, pinwheels, pizza</i>

*Please note that this is on a rotation and students' study this at various times in the year, depending on which class they are in.

Curriculum Directors

Faculties	Subjects	Curriculum Directors
Communications	English and Modern Foreign Languages	Mrs Spalding: kspalding@oiea.co.uk
Mathematics and IT	Mathematics and IT	Mrs Magill: amagill@oiea.co.uk Mr Cotton: ocotton@oiea.co.uk
Science and Sport	Science, Core PE	Mr Cross: scross@oiea.co.uk
Humanities	Geography, History and RE	Mr Wyke: pwylke@oiea.co.uk
Creative	Art, DT, Food, Drama, Music	Mr Underhill: bunderhill@oiea.co.uk

Yours faithfully

Mr R Siddons

Assistant Principal – Quality of Education