

**YEAR 7**

Dear Parents and Carers,

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

<b>Subject</b>	<b>The topics that your child will be studying</b>	<b>An outline of the course over the half term</b>
<b>Maths</b>	<b>Addition, Subtraction, Multiplication and Division</b>	<i>This will include using all four operations with integers, decimals and negatives. These skills will also be applied in context to things including perimeter, area and volume.</i>
<b>English</b>	<b>'Treasure Island'</b>	<i>Students will transition into secondary English with a study of the bildungsroman genre (the 'coming-of-age' novel), reading the classic text, 'Treasure Island'.</i>
<b>Science</b>	<b>Animal Cells. Disciplinary skills The Atom</b>	<i>Examines the structure and function of cells in animals Convert in and out standard form Delves into the fundamental building blocks of matter and their properties.</i>
<b>Geography</b>	<b>Weather and Climate – 'How does weather and climate affect our lives?'</b>	<i>This unit introduces students to different aspects of weather and climate through a series of lessons which introduce and build on many of the key geographic concepts and skills. Students explore climate variations around the UK as well as global climate zones. We consider the causes and consequence of water scarcity. We then investigate the causes and effects of extreme weather, including drought, wildfires and tropical storms.</i>
<b>History</b>	<b>Pre-1066 unit 'How have invaders and settlers left their mark on England?'</b>  <b>Local History unit 'How much has life changed in the past 100 years in Ilkeston?'</b>	<i>The students will continue to study the pre-1066 topic, which builds on their chronological knowledge of what happened prior to. It is a significant period as it saw great changes that helped to shape what Britain is like today. By studying this period students have a knowledge foundation of the change and continuity in England and the reasons that led to this.  Students will then move on to study the local history topic. 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>
<b>Religious Education</b>	<b>Why is Judaism the first monotheistic religion and how does belief in One God influence the Jewish people today?</b>	<i>Students study the story of the Exodus and how that still impacts Jewish communities today through the Seder Meal.</i>
<b>French</b>	<b>French Unit 1 – Family and friends</b>  <b>French Unit 2 – Free Time</b>	<i>Students will finish the unit 1 topic on Family and friends with an end of unit assessment (listening and reading). They will then begin the second unit where they will be able to talk about what they like to do in their free time.</i>
<b>Physical Education</b>	<b>Students will be studying a Mastery Curriculum</b>	<i>Basketball – Shooting, Passing, Dribbling and Attacking/Defensive tactics</i>

	<p><b>developing motor competence, rules strategies and tactics and healthy participation, building upon their KS2 knowledge.</b></p> <p><b>All students will study Basketball, Badminton and Football on a 6 week cycle</b></p>	<p><i>Badminton – Stance and Movement, Serve, Forehand/Backhand</i></p> <p><i>Football- Passing and receiving, Movement, Shooting and Defending</i></p>
<b>Art</b>	<b>Core skills/formal elements of art</b>	<i>In this half-term year 7 will be introduced to the formal elements of art. These are tone, texture, colour, shape and line. They will develop basic skills needed to underpin all of their future artwork.</i>
<b>Drama</b>	<b>Grotowski and Poor theatre.</b>	<i>Students learn about responding to stimulus to create drama and applying physical theatre skills. They will learn about actor audience relationships and immersive theatre techniques.</i>
<b>Music</b>	<b>Keyboard Course</b>	<p><i>In Music students will be studying how to read and perform from the treble and bass clef notation whilst performing on the keyboard.</i></p> <p><i>Through this unit students will learn to perform basic keyboard functions and establish good playing routines. Students will learn how to read the treble and bass clef notations which will provide an understanding of how music is put together (composed)</i></p> <p><i>Students explore the layout of the keyboard in terms of white and black keys, their note names and explore how to “read music”.</i></p>
<b>IT</b>	<b>7.2 Online Safety</b>	<i>This unit covers essential knowledge and skills for staying safe online. It includes understanding internet risks, cyberbullying, digital footprints, social media usage, and identifying fake news.</i>
<b>Design and Technology</b>	<b>Graphics*</b>	<i>Using creativity and imagination pupils will design a chocolate bar brand focusing on the graphic design element to create their very own chocolate brand and promotional packaging.</i>
<b>Design and Technology</b>	<b>Resistant Materials*</b>	<i>Pupils will design and make an acrylic clock based upon a given design movement. Key topic areas are Health And Safety, Design movements / initial design ideas, Design Development, Card Modelling, Making, Evaluating. Pupils will use draw files, coping saws, pillar drill’s, machine polisher and sandpaper.</i>
<b>Design and Technology</b>	<b>Cooking and Nutrition*</b>	<p><b><u>Eat a Rainbow Project</u></b></p> <p><i>Pupils will cook a range of dishes mixed though out the theory lessons, dishes including Rainbow salad, rocky road, pinwheels, pizza</i></p>

*\*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

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

*Yours faithfully*

*Mr R Siddons*

*Assistant Principal – Quality of Education*