



# Year 10 topics Half Term 4



**OAK**  
NATIONAL  
ACADEMY

Please find below the list of subjects taught in Year 10 during the next half term together with a direct link to the online learning with Oak National Academy or BBC Bitesize

<b>Maths Foundation</b>	<i>Substitution and rearranging formulae,</i>	<a href="#">Substitution and Rearranging formulae (thenational.academy)</a> <a href="#">Straight Line Graphs (y=mx+C) (thenational.academy)</a> <a href="#">Solving equations 1 (One step, Two Step and Brackets) (thenational.academy)</a> <a href="#">Expand and simplify brackets (thenational.academy)</a>
<b>Maths Higher</b>	<i>solving equations</i>	<a href="#">Algebraic Fractions (thenational.academy)</a> <a href="#">Simultaneous Equations (Linear) (thenational.academy)</a> <a href="#">Dividing and Rationalising surds (thenational.academy)</a> <a href="#">Higher Straight lines (Perpendicular Lines) (thenational.academy)</a>
<b>English</b>	<i>Power and Conflict Poetry</i>	<a href="#">Curriculum - Curriculum (continuityoak.org.uk)</a> click on KS4 English, Year 11, Unit 3, AQA Power and Conflict Poetry
<b>Combined Science</b>	<i>Bioenergetics, organic Chemistry, atomic structure</i>	<a href="#">Curriculum - Curriculum (continuityoak.org.uk)</a> click on KS4 Science, Biology, Bioenergetics Chemistry, Organic Chemistry Physics, Atomic structure
<b>Biology</b>	<i>Homeostasis</i>	<a href="#">Curriculum - Curriculum (continuityoak.org.uk)</a> click on KS4 Science, Biology, Bioenergetics
<b>Chemistry</b>	<i>Rates of chemical change</i>	<a href="#">Curriculum - Curriculum (continuityoak.org.uk)</a> click on KS4 Science, Chemistry, Organic Chemistry
<b>Physics</b>	<i>Atomic Structure</i>	<a href="#">Curriculum - Curriculum (continuityoak.org.uk)</a> click on KS4 Science, Physics, Atomic structure
<b>Art</b>		Email your teacher directly. Action all work in your sketchbook.
<b>Computer Science</b>	<i>Impacts on Society Programming sequence</i>	<a href="https://classroom.thenational.academy/units/impacts-on-society-fb09">https://classroom.thenational.academy/units/impacts-on-society-fb09</a> <a href="https://classroom.thenational.academy/units/programming-1-sequence-2cbd">https://classroom.thenational.academy/units/programming-1-sequence-2cbd</a>
<b>Cr iMedia</b>	<i>World of work</i>	<a href="https://classroom.thenational.academy/units/it-and-the-world-of-work-c47e">https://classroom.thenational.academy/units/it-and-the-world-of-work-c47e</a>
<b>Business St</b>	<i>Revision</i>	<a href="https://www.bbc.co.uk/bitesize/guides/z7t3f4j/revision/1">https://www.bbc.co.uk/bitesize/guides/z7t3f4j/revision/1</a> <a href="#">Functional activities - National 4 Business Revision - BBC Bitesize</a>
<b>Design Tech</b>	<i>Exploring textures</i>	<a href="#">Drawing techniques: Exploring textures (thenational.academy)</a>
<b>Food Tech</b>	<i>Nutritional balance</i>	<a href="#">How can we ensure that a meal has the correct balance of nutritional value for the body? (thenational.academy)</a>
<b>Textiles</b>	<i>Evaluating ideas</i>	<a href="#">How to evaluate your own ideas (thenational.academy)</a>

<b>Engineering</b>	<i>Microcontrollers</i>	<a href="https://classroom.thenational.academy/lessons/could-you-cope-without-microcontrollers-in-your-life-6gu34r">https://classroom.thenational.academy/lessons/could-you-cope-without-microcontrollers-in-your-life-6gu34r</a>
<b>Health and Social Care</b>		Email your teacher directly.
<b>Media St</b>	<i>Edusites</i>	<a href="https://media.edusites.co.uk/article/new-spec-aqa-8572-gcse-media-studies">https://media.edusites.co.uk/article/new-spec-aqa-8572-gcse-media-studies</a>
<b>French</b>	<i>Global Issues</i>	<a href="https://classroom.thenational.academy/units/global-issues-0d1a">https://classroom.thenational.academy/units/global-issues-0d1a</a>
<b>Geography</b>	<i>Rivers</i>	<a href="#">Curriculum - Curriculum (continuityoak.org.uk)</a> click on KS4 Geography, Year 10, Unit 7 , Rivers
<b>German</b>	<i>Health</i>	<a href="https://classroom.thenational.academy/units/food-healthy-living-and-social-media-2edf">https://classroom.thenational.academy/units/food-healthy-living-and-social-media-2edf</a>
<b>History</b>	<i>USA – A Nation of contrasts</i>	<a href="https://www.bbc.co.uk/bitesize/topics/zthf6yc">https://www.bbc.co.uk/bitesize/topics/zthf6yc</a>
<b>Music</b>	<i>Feedback</i>	<a href="https://my.showbie.com/signin">https://my.showbie.com/signin</a>
<b>PE</b>	<i>Developing fundamental and transferable skills</i>	<a href="#">Unit - Oak National Academy (thenational.academy)</a>
<b>Dance</b>	<i>Choreography</i>	<a href="https://dancespirit.com/full-house/">https://dancespirit.com/full-house/</a> <a href="https://www.tututix.com/tips-effective-group-choreography/">https://www.tututix.com/tips-effective-group-choreography/</a>
<b>Drama</b>	<i>Who cares?</i>	<a href="#">Unit: Who Cares?: A devising unit   Teacher Hub   Oak National Academy (thenational.academy)</a>
<b>Religious St</b>	<i>Christianity beliefs and teachings. Human rights</i>	<a href="https://classroom.thenational.academy/units/christian-beliefs-and-teachings-700f">https://classroom.thenational.academy/units/christian-beliefs-and-teachings-700f</a> <a href="https://classroom.thenational.academy/units/human-rights-2ff3">https://classroom.thenational.academy/units/human-rights-2ff3</a>
<b>Spanish</b>	<i>Freetime</i>	<a href="https://classroom.thenational.academy/units/social-and-global-issues-752d">https://classroom.thenational.academy/units/social-and-global-issues-752d</a>
<b>Sport</b>	<i>Developing fundamental and transferable skills</i>	<a href="#">Unit - Oak National Academy (thenational.academy)</a>