

Year	Subject	Home Learning
10	English	<p>Homework title: <b><u>An Inspector Calls Research</u></b>  Homework type: Find out information relating to characters, settings, themes, events, language, structure, form and context. Prepare this in a way that is useful for your study of this text.  <b>Reading:</b> Read 'An Inspector Calls' pages given by your teacher.  Homework Support:CGP guides, LitCharts, Library, Internet, Boosters</p> <p>Homework title: <b><u>Poetry Research</u></b>  Homework type: Find out information relating to characters, settings, themes, events, language, structure, form and context. Prepare this in a way that is useful for your study of this text.  Homework support: CGP guides, LitCharts, Library, E-Library, Internet, Boosters</p> <p>Homework title: <b><u>Macbeth Research</u></b>  Homework type: Find out information relating to characters, settings, themes, events, language, structure, form and context. Prepare this in a way that is useful for your study of this text.  <b>Reading:</b> Read tMacbeth page numbers given by your teacher.  Homework support: CGP guides, LitCharts, Library, E-Library, Internet, Boosters</p> <p>Homework title: <b><u>Jekyll and Hyde Research</u></b>  Homework type: Find out information relating to characters, settings, themes, events, language, structure, form and context. Prepare this in a way that is useful for your study of this text.  <b>Reading:</b> Read Jekyll and Hyde page numbers given by your teacher.  Homework support: CGP guides, LitCharts,E-Library Library, Internet, Boosters</p> <p>Homework title: <b><u>Reading for Pleasure</u></b>  Read, and keep a record of, a series of texts of your choice.  Homework support: Library, E-Library, Internet</p>
	Maths Foundation	<p><b><i>Homework type: Hegarty Maths, Mathwatch and paper based</i></b></p> <p><b>N1 Decimals, Fractions and Surds</b></p> <ul style="list-style-type: none"> <li>● Round to the nearest 10, 100, 1000</li> <li>● Simplify a fraction</li> <li>● Find equivalent fractions</li> </ul>

- Convert between improper fractions and mixed numbers
- Multiply decimals without a calculator
- Divide decimals without a calculator
- Order fractions with different denominators
- Add, subtract, multiply and divide mixed numbers
- Round to n decimal places
- Round to n significant figures
- Estimate the value of a calculation by rounding to 1 significant figure
- Solve real life estimation problems and be able to say whether their estimate is an underestimate or overestimate and why

#### **A1 Expand and Factorise**

- Identify a term, expression, equation, formulae from a list
- Multiply terms
- Simplify an expression by collecting like terms
- Substitute integers into expressions and formulae
- Expand a single bracket
- Expand and simplify an expression with brackets with positive and negative terms
- Expand and simplify two brackets
- Square a bracket
- Factorise a linear expression
- Factorise an algebraic expression with indices
- Factorise a quadratic of the form  $x^2 + bx + c$  where all of the terms are positive
- Factorise the difference of two squares

Maths  
Higher

***Homework type: Hegarty Maths, Mathwatch and paper based***

**N1 Decimals, Fractions and Surds**

- Multiply and divide decimals without a calculator
- Order fractions with different denominators
- Add, subtract, multiply and divide mixed numbers
- Solve real-life problems involving mixed numbers
- Convert a recurring decimal where all of the digits do and don't recur to a fraction using algebra
- Multiply and divide recurring decimals
- Round to n decimal places and n significant figures
- Estimate the value of a calculation by rounding to 1 significant figure
- Solve real life estimation problems and be able to say whether an estimate is an underestimate or overestimate and why
- Simplify a surd
- Simplify expressions with different surds
- Expand a bracket with surds
- Expand and simplify with surds
- Rationalise the denominator
- Solve problems involving surds in other contexts

**A1 Expand and Factorise**

- Substitute integers into expressions and formulae
- Substitute decimals and fractions into expressions and formulae
- Expand and simplify an expression with brackets

		<ul style="list-style-type: none"> <li>● Expand and simplify two brackets</li> <li>● Square a bracket</li> <li>● Expand and simplify three brackets</li> <li>● Factorise an algebraic expression with indices</li> <li>● Factorise a quadratic of the form <math>x^2 + bx + c</math> with positive/negative terms</li> <li>● Factorise a quadratic of the form <math>ax^2 + bx + c</math></li> <li>● Factorise the difference of two squares</li> <li>● Simplify an algebraic fraction by cancelling out common factors</li> <li>● Simplify an algebraic fraction that involves factorising</li> <li>● Add/subtract algebraic fractions where the denominator is an integer</li> <li>● Add/subtract algebraic fractions where the denominator is an expression</li> <li>● Multiply algebraic fractions</li> <li>● Divide algebraic fractions</li> </ul>
	<p>Science Combined</p>	<p>Homework title: <b><u>CC5 &amp; 6 - Bonding</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>CB3 - Natural selection and genetic modification</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>CP12 - The particle model</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>CP13 - Forces and matter</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p>

		<p>Homework title: <b><u>CB4 - Natural selection and genetic modification</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>CP6 - Radioactivity</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p>
Science Separates		<p>Homework title: <b><u>SB3 - Genetic (Biology)</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>SB4 - Natural Selection and Genetic Modification (Biology)</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>SB8 - Exchange and Transport in Animals (Biology)</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>SC5, 6, 7, 14 - Bonding and the groups of the periodic table (Chemistry)</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>SC8 - Acids, SC9 - Calculations involving masses (Chemistry)</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>Maths in Science (Physics)</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b><u>SP7 - Astronomy (Physics)</u></b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p>

		<p>Homework title: <b>SP14 - Particle Model (Physics)</b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <b>SP15 - Forces and Matter (Physics)</b>  Homework type: Knowledge organiser and Seneca Learning  Homework support: Science classroom resources, BBC bite size, GCSE Pod</p>
	History	<p>Homework title: <b>Quizzes on key content</b>  Homework type: Online quiz  Homework support: Revision guide</p> <p>Homework title: <b>Exam questions</b>  Homework type: Exam technique and extended writing  Homework support: Exam booklet and revision guide</p> <p>Homework title: <b>Notes from revision guide</b>  Homework type: Consolidating content  Homework support: Revision guide</p>
	Geography	<p>Homework title: <b>Learning Vocabulary</b>  Homework type: Reading  Homework support: BBC, Lesson 1 and 2, General Knowledge, support from parents, support from Peers, countries and maps. Google Earth</p> <p>Homework title: <b>What is an Enterprise Zone?</b>  Homework type: Reading  Homework support: BBC, Lesson 1 and 2, General Knowledge, support from parents, support from Peers, countries and maps. Google Earth</p> <p>Homework title: <b>Globalisation</b>  Homework type: Written Project  Homework support: School and Local Library, Royal Geographical Society, National Geographic, BBC, Review of previous lessons</p> <p>Homework title: <b>Research London Case Study</b>  Homework type: Written task  Homework support: School and Local Library, Royal Geographical Society, National Geographic, BBC, Review of previous lessons</p>
	French	<p>Homework title: <b>Unit 1</b>  Homework type: Weekly preparation concentrating on speaking and writing.  Homework support: Unit 1 booklet</p> <p>Homework title: <b>ActiveTeach</b>  Homework type: Tasks set on ActiveTeach  Homework support: Teacher direction and information on</p>

		ShowMyHomework and Google Classroom.
	Spansih	<p>Homework title: <b><u>Unit 1</u></b>  Homework type: Weekly preparation concentrating on speaking and writing.  Homework support: Unit 1 booklet</p> <p>Homework title: <b><u>ActiveTeach</u></b>  Homework type: Tasks set on ActiveTeach  Homework support: Teacher direction and information on ShowMyHomework and Google Classroom.</p>
	Ethics	<p>Homework title: <b><u>Islam workbook</u></b>  Homework type: Complete the activities in the workbook up until and including predestination and the afterlife  Homework support: BBC bitesize, notes in books</p> <p>Homework title: <b><u>Islam workbook</u></b>  Homework type: Complete the activities in the workbook up until and including Prophets  Homework support: BBC bitesize, notes in books</p> <p>Homework title: <b><u>Revision</u></b>  Homework type: Revise for mid-point test on all topics covered so far  Homework support: BBC bitesize, notes in books, workbooks</p> <p>Homework title: <b><u>12 Mark Question</u></b>  Homework type: Complete the following 12 mark question: “Hajj is the most important pillar”  Homework support: BBC Bitesize, notes in books, exam guidance notes</p> <p>Homework title: <b><u>Revision and workbook</u></b>  Homework type: Complete the rest of the workbook activities and revise for the end of unit test  Homework support: BBC Bitesize, notes in books, exam guidance notes</p>
	DT	<p>Homework title: <b><u>Materials 1</u></b>  Homework type: Worksheet</p> <p>Homework title: <b><u>Materials 2</u></b>  Homework type: Worksheet</p> <p>Homework title: <b><u>Material 3</u></b>  Homework type: Worksheet</p> <p>Homework title: <b><u>P.O.S. research</u></b></p>

		<p>Homework type: Research task</p> <p>Homework title: <b><u>Design ideas</u></b> Homework type: Designing task</p>
	Food and nutrition	<p>Homework title: <b><u>Required ingredients</u></b> Homework type: Bringing in required food Homework support: Recipe booklet and dates given prior to the lesson</p> <p>Homework title: <b><u>Special diet investigation</u></b> Homework type: Research on a specific diet Homework support: Information on food allergies</p> <p>Homework title: <b><u>Taste test report / sensory descriptors</u></b> Homework type: Taste test on products made radar chart to show results Homework support: Examples of work and test explanations given in class</p> <p>Homework title: <b><u>HACCP chart</u></b> Homework type: Complete a HACCP chart for one of your products made Homework support: AQA revision book, the importance of assessment</p>
	Construction	<p>Homework title: <b><u>Health and safety</u></b> Homework type: Research different types of UK fire extinguishers Homework support: <a href="http://www.safelincs.co.uk">www.safelincs.co.uk</a></p>
	Music	<p>Homework title: <b><u>Job Roles</u></b> Homework type: Study the assigned pages in your revision guide to support your learning on the different job roles in the music industry Homework support: Notes from lesson, revision guide</p> <p>Homework title: <b><u>Audio Interface Set-Up</u></b> Homework type: Revise your notes on how to correctly set up and audio interface using Logic Pro X. This will support you in your course work Homework support: Notes from lesson, YouTube videos, revision guide</p> <p>Homework title: <b><u>Health and Safety</u></b> Homework type: Use your study guide to revise health &amp; safety protocols in the recording studio. This will support you in your coursework Homework support: Assigned video, notes from lesson, revision guide</p>
	Art	<p>Homework title: <b><u>Environment</u></b> Homework type: Students to photograph a range of places and create 5 pairs of contrasting images eg: macro vs micro, parks vs city etc Homework support: Direct link to Autumn term project in school</p> <p>Homework title: <b><u>Environment</u></b> Homework type: Students to create an image using one or two objects that reflects them and their environment Homework support: Direct link to Autumn term project in school</p>



	PE	<p>Homework title: <b><u>Theory study consolidation (weekly)</u></b>  Homework type: GCSE Pod video observation  Homework support: GCSE Pod software, on google drive  Observe videos on theory lesson content in preparation for exam style questions in next lesson</p>
	Drama	<p>Homework title: <b><u>Home learning menu on performance</u></b>  Homework type: Create performances and write scripts  Homework support: In class, SMH and teacher advice</p> <p>Homework title: <b><u>Home learning written</u></b>  Homework type: Researching, creating and questioning  Homework support: In class, SMH and teacher advice</p>
	ICT	<p>Homework title: <b><u>GCSE related questions and preparation weekly</u></b>  Homework type: GCSE Pod assignments for each sub topic  Homework support: Resources in classroom</p>
	Computer Science	<p>Homework title: <b><u>GCSE related questions and preparation weekly</u></b>  Homework type: GCSE Pod assignments for each sub topic  Homework support: Resources in classroom</p>
	PSHCE	<p>Year 10-  Title: Wellbeing practices  Homework type: Practising skills and concepts  Practise a selection of wellbeing strategies each week at home. These can include: mindful colouring, go for a walk in nature, meditation, cooking, exercise, gratitude practice, acts of kindness, playing games with the people at home such as board games. The Anna Freud website has a number of suggestions. Write a summary of what you have practised and bring this to class.  Homework support: <a href="https://www.annafreud.org/on-my-mind/self-care/">https://www.annafreud.org/on-my-mind/self-care/</a></p> <p>Title: Budget  HomeworkTypes:  Create a budget for a student who lives in halls and has a monthly income of £600. This needs to cover rent, bills, food, transport and entertainment activities. What would happen if their rent was to increase by £50, how would this affect the budget?</p>