

Year 10 Home Learning Autumn tasks

Year	Subject	Home Learning
10	English	<p>Homework title: <u>Macbeth Research</u> 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, internet, boosters</p> <p>Homework title: <u>Poetry Research</u> 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, internet, boosters</p> <p>Homework title: <u>Jekyll and Hyde Research</u> 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, internet, boosters</p> <p>Homework title: <u>An Inspector Calls Research</u> 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. CGP guides, LitCharts, library, internet, boosters</p> <p>Homework title: <u>Reading for Pleasure</u> Read, and keep a record of, a series of texts of your choice. Homework support: Library, internet</p>
	Maths Foundation	<p>Homework title: <u>Pre – topic assessment Graphs</u> Homework type: Online / Mathswatch 9.1 Coordinates 9.2 Linear graphs 9.3 Gradient 9.4 $y = mx + c$ 9.5 Real-life graphs 9.6 Distance-time graphs</p> <p>Homework title: <u>Pre – topic assessment Transformations</u> Homework type: Online / Mathswatch 10.1 Translation 10.2 Reflection 10.3 Rotation 10.4 Enlargement</p>

		<p>10.5 Describing enlargements 10.6 Combining transformations</p> <p>Homework title: <u>Pre – topic assessment</u> <u>Ratio and proportion</u> Homework type: Online / Mathswatch</p> <p>11.1 Writing ratios 11.2 Using ratios 1 11.3 Ratios and measures 11.4 Using ratios 2 11.5 Comparing using ratios 11.6 Using proportion 11.7 Proportion and graphs 11.8 Proportion problems</p>
	Maths Higher	<p>Homework title: <u>Pre – topic assessment</u> <u>Equations and inequalities</u> Homework type: Online / Mathswatch</p> <p>9.1 Solving quadratic equations 9.3 Completing the square 9.4 Solving simple simultaneous equations 9.6 Solving linear and quadratic simultaneous equations 9.7 Solving linear inequalities</p> <p>Homework title: <u>Pre – topic assessment</u> <u>Probability</u> Homework type: Online / Mathswatch</p> <p>10.1 Combined events 10.2 Mutually exclusive events 10.3 Experimental probability 10.4 Independent events and tree diagrams 10.5 Conditional probability 10.6 Venn diagrams and set notation</p> <p>Homework title: <u>Pre – topic assessment</u> <u>Multiplicative reasoning</u> Homework type: Online / Mathswatch</p> <p>11.1 Growth and decay 11.2 Compound measures 11.3 More compound measures 11.4 Ratio and proportion</p>
	Science Combined	<p>Homework title: <u>CC5 & 6 - Bonding</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>CP12 - The particle model</u></p>

		<p>Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>CP13 - Forces and matter</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>CB3 - Natural selection and genetic modification</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>CB4 - Natural selection and genetic modification</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p>
	Science Separates	<p>Homework title: <u>SB3 - Genetic (Biology)</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>SB8 - exchange and transport in animals (Biology)</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>SC5, 6, 7, 14 - Bonding and the groups of the periodic table (Chemistry)</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>SC8 - Acids, SC9 - Calculations involving masses (Chemistry)</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p>

		<p>Homework title: <u>SP5 & 6 - EM spectrum and radioactivity (Physics)</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p> <p>Homework title: <u>SP7 - Astronomy (Physics)</u> Homework type: Takeaway topic home learning / PiXL independent booklet Homework support: Science classroom resources, BBC bite size, GCSE Pod</p>
	History	<p>Homework title: <u>Quizzes on key content</u> Homework type: Online quiz Homework support: Revision guide</p> <p>Homework title: <u>Exam questions</u> Homework type: Exam technique and extended writing Homework support: Exam booklet and revision guide</p> <p>Homework title: <u>Notes from revision guide</u> Homework type: Consolidating content Homework support: Revision guide</p>
	Geography	<p>Homework title: <u>What are hazards?</u> Homework type: Show my homework Multiple Choice quiz Homework support: BBC, Lesson 1 and 2, General Knowledge, support from parents, support from Peers, countries and maps. Google Earth</p> <p>Homework title: <u>Practice GCSE question using command words</u> Homework type: Written Project Homework support: School and Local Library, Royal Geographical Society, National Geographic, BBC, Review of previous lessons</p> <p>Homework title: <u>Access question on 3 possible case study questions</u> 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: <u>Unit 1</u> Homework type: Weekly preparation concentrating on speaking and writing. Homework support: Unit 1 booklet</p>
	Spansih	<p>Homework title: <u>Unit 1</u> Homework type: Weekly preparation concentrating on speaking and writing. Homework support: Unit 1 booklet</p>

	Ethics	<p>Homework title: <u>Islam workbook</u> 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: <u>Islam workbook</u> Homework type: Complete the activities in the workbook up until and including Prophets Homework support: BBC bitesize, notes in books</p> <p>Homework title: <u>Revision</u> 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: <u>12 Mark Question</u> 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: <u>Revision and workbook</u> 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: <u>Materials 1</u> Homework type: Worksheet</p> <p>Homework title: <u>Materials 2</u> Homework type: Worksheet</p> <p>Homework title: <u>Material 3</u> Homework type: Worksheet</p> <p>Homework title: <u>P.O.S. research</u> Homework type: Research task</p> <p>Homework title: <u>Design ideas</u> Homework type: Designing task</p>
	Food	<p>Homework title: <u>Required ingredients</u> Homework type: Bringing in required food Homework support: Recipe booklet and dates given prior to the lesson</p> <p>Homework title: <u>Special diet investigation</u> Homework type: Research on a specific diet Homework support: Information on food allergies</p> <p>Homework title: <u>Taste test report / sensory descriptors</u></p>

		<p>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: HACCP chart 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: Health and safety Homework type: Research different types of UK fire extinguishers Homework support: www.safelincs.co.uk</p>
	Music	<p>Homework title: Job Roles 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: Audio Interface Set-Up 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: Health and Safety Homework type: Use your study guide to revise health & 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: Independent learning Homework type: Students will conduct a range of research and practical tasks based around their chosen themes. The expectation is that students will select appropriate artists and photographers that support the development of their work. Students should use the provided writing frames and analysis questions to write about their chosen artists and photographers. In addition to this students should respond to their chosen artists and photographers using appropriate materials and techniques to create studies of their work. This allows students to fully understand the creative process they may have taken Homework support: A range of examples and resources can be found on the student art guide: https://www.studentartguide.com/</p> <p>Appropriate artists and photographers can be found via the Tate website https://www.tate.org.uk/</p> <p>Pinterest can also be an invaluable resource</p>
	PE	<p>Homework title: Theory study consolidation (weekly) 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	Homework title: <u>Home learning menu on performance</u> Homework type: Create performances and write scripts Homework support: In class, SMH and teacher advice Homework title: <u>Home learning written</u> Homework type: Researching, creating and questioning Homework support: In class, SMH and teacher advice
	ICT	Homework title: <u>GCSE related questions and preparation weekly</u> Homework type: GCSE Pod assignments for each sub topic Homework support: Resources in classroom