



**LAURUS
GRACE**

Curriculum Knowledge and Skills

Subject Reference Guide

Year 11

2025-2026

Year 11 GCSE English Language

Knowledge	Skills
<p>Students will develop their knowledge of:</p> <p>Reading</p> <ul style="list-style-type: none"> • a range of texts to help students articulate their ideas in a sophisticated way • the way in which language, structure, form and context are used to enable a writer to express their ideas • the significant impact that literature has on the world <p>Writing</p> <ul style="list-style-type: none"> • the methods used to write with engagement and control • the ways in which specific audiences can be targeted through linguistic devices. <p>Speaking and Listening</p> <ul style="list-style-type: none"> • the various ways in which talk and discussion can be used to articulate meaning 	<p>Students will develop their skills in:</p> <p>Reading</p> <ul style="list-style-type: none"> • articulating informed interpretations of meanings supported by well-chosen textual references • analysing how writers use language and structure to convey ideas, achieve effects and influence readers using relevant subject terminology • comparing ideas, attitudes, methods and contexts in order to evaluate effectiveness • relating different texts to their relevant social, historical and literary context across the 19th, 20th and 21st century • making links between texts • accessing unseen literature independently • evaluating texts critically and supporting this with appropriate textual references <p>Writing</p> <ul style="list-style-type: none"> • communicate clearly, effectively and imaginatively • selecting and adapting tone, style and register for different forms, purposes and audiences • organising information and ideas, using structural and grammatical features to support coherence and cohesion of texts • selecting appropriate words and phrases from a rich and wide vocabulary • demonstrating control of spelling, punctuation and grammar • utilising a variety of sentence structures with control for both meaning and effect

Year 11 GCSE English Literature

Knowledge	Skills
<p data-bbox="204 331 576 416">Students will develop their knowledge of:</p> <p data-bbox="204 465 347 506">Reading</p> <ul data-bbox="204 562 608 1368" style="list-style-type: none">• a range of seen and unseen texts from across the 19th, 20th and 21st century to help students articulate their ideas in a sophisticated way• the way in which language, structure, form and context are used to enable a writer to express their idea• the significant impact that literature has on the world• different genres of writing and their influences <p data-bbox="204 1424 331 1464">Writing</p> <ul data-bbox="204 1520 596 1637" style="list-style-type: none">• the methods used to write with engagement and control	<p data-bbox="639 331 1246 371">Students will develop their skills in:</p> <p data-bbox="639 421 783 461">Reading</p> <ul data-bbox="639 517 1390 1189" style="list-style-type: none">• articulating informed interpretations of meanings supported by well-chosen textual reference• analysing how writers use methods to convey ideas, achieve effects and influence the reader or audience, including language, structure, form and dramatic devices• comparing ideas, attitudes, methods and contexts in order to evaluate effectiveness• making specific links between texts and their relevant social, historical and literary context across the 19th, 20th and 21st century• comparing unseen texts• exploring the writer's purpose, ideas and perspectives <p data-bbox="639 1245 767 1285">Writing</p> <ul data-bbox="639 1341 1246 1458" style="list-style-type: none">• demonstrating control of spelling, punctuation and grammar when articulating ideas

Year 11 Maths

Knowledge	Skills
<p data-bbox="204 331 663 412">Students will develop their knowledge in order to:</p> <ul data-bbox="204 465 782 1366" style="list-style-type: none">• accurately recall facts, terminology and definitions• use and interpret notation correctly• accurately carry out routine procedures or set tasks requiring multi-step solutions• make deductions, inferences and draw conclusions from mathematical information• construct chains of reasoning to achieve a given result• translate problems in mathematical or non-mathematical contexts into a process or a series of mathematical processes• make and use connections between different parts of mathematics	<p data-bbox="809 331 1366 412">Students will develop their skills in:</p> <ul data-bbox="809 465 1385 1142" style="list-style-type: none">• interpreting and communicating information accurately• presenting arguments and proofs• assessing the validity of an argument and critically evaluating a given way of presenting information• interpreting results in the context of a given problem• evaluating methods used and results obtained• evaluating solutions to identify how they may have been affected by assumptions made

Year 11 GCSE Science - Biology

Knowledge	Skills
<p data-bbox="204 333 663 416">Students will develop their knowledge of:</p> <ul data-bbox="204 468 783 1731" style="list-style-type: none"><li data-bbox="204 468 692 506">• the human nervous system<li data-bbox="204 512 692 595">• the role of hormones in the human body<li data-bbox="204 602 783 824">• regulation of internal environments (homeostasis) which enables organisms to adapt to change, both internally and externally<li data-bbox="204 831 783 1052">• how inheritance relies on the genetic information contained in the genome being passed from one generation to the next, whether sexually or asexually<li data-bbox="204 1059 783 1142">• the process of evolution through natural selection<li data-bbox="204 1149 783 1323">• how living organisms form populations of single species, communities of many species and are part of ecosystems<li data-bbox="204 1330 783 1458">• how living organisms interact with each other, the environment and with humans<li data-bbox="204 1464 783 1731">• the monitoring of our environment by collecting and interpreting information about the natural world, to identify patterns and relate possible cause and effect	<p data-bbox="810 333 1366 416">Students will develop their skills in:</p> <ul data-bbox="810 468 1366 1140" style="list-style-type: none"><li data-bbox="810 468 1366 551">• hypothesising and testing theories and concepts<li data-bbox="810 557 1366 685">• assessing hazards and taking precautions to minimise the associated risks.<li data-bbox="810 692 1366 775">• using appropriate apparatus and techniques<li data-bbox="810 781 1366 864">• observation, enquiry, and problem solving.<li data-bbox="810 871 1366 954">• analysing methodology, evidence, and conclusions<li data-bbox="810 960 1366 999">• interpreting and evaluating<li data-bbox="810 1005 1366 1140">• communication, mathematics, and the use of technology in scientific contexts

Year 11 GCSE Science - Chemistry

Knowledge	Skills
<p data-bbox="204 331 663 412">Students will develop their knowledge of:</p> <ul data-bbox="204 465 778 1727" style="list-style-type: none">• how to calculate average and instantaneous rate of reaction and factors that affect rate• how the equilibrium of a reversible reaction is affected by temperature, pressure and concentration in line with Le Chatelier's principle• how different fractions of crude oil are extracted and their properties and the process of cracking to produce smaller hydrocarbons from longer chains• physical and chemical tests for substances including chromatography, gas tests and tests for ions• how the Earth's early atmosphere was formed• the role of greenhouse gases in global warming• sustainability, life cycle assessments (LCAs) and use of resources such as metals and ways of producing them in a more environmentally friendly way• water treatment and potable water	<p data-bbox="809 331 1366 412">Students will develop their skills in:</p> <ul data-bbox="809 465 1366 1137" style="list-style-type: none">• hypothesising and testing theories and concepts• assessing hazards and taking precautions to minimise the associated risks.• using appropriate apparatus and techniques• observation, enquiry, and problem solving.• analysing methodology, evidence, and conclusions• interpreting and evaluating• communication, mathematics, and the use of technology in scientific contexts

Year 11 GCSE Science - Physics

Knowledge	Skills
<p data-bbox="204 432 663 510">Students will develop their knowledge of:</p> <ul data-bbox="204 566 778 1464" style="list-style-type: none">• the effects of forces• the direction in which forces act to allow understanding of the importance of vector quantities when trying to predict the action.• Newton's laws of motion• force interactions between objects, which can take place even if they are not in contact.• how forces acting on an object can result in a change of shape or motion.• interactions between matter and electrostatic fields• how electrical currents depend on the movement of charge and the interaction of electrostatic fields.• the links between movement of charge and magnetism	<p data-bbox="810 432 1366 510">Students will develop their skills in:</p> <ul data-bbox="810 566 1366 1240" style="list-style-type: none">• hypothesising and testing theories and concepts• assessing hazards and taking precautions to minimise the associated risks.• using appropriate apparatus and techniques• observation, enquiry, and problem solving.• analysing methodology, evidence, and conclusions• interpreting and evaluating• communication, mathematics, and the use of technology in scientific contexts

Year 11 Art/Photography

Knowledge	Skills
<p>Students will develop their knowledge of:</p> <ul style="list-style-type: none">• researching effectively – the ability to explore the work of a range of photographers, artists and film makers and draw inspiration from techniques, processes and ideas• exploring and communicating ideas using the work of others to develop and extend thinking, and to help themselves make informed decisions with their own work. Having the ability to discuss and compare the work of others• a range of processes, and how to use them within their work; making informed decisions about when to apply appropriate techniques within their work, and developing this<ul style="list-style-type: none">• how ideas, feelings and meanings can be conveyed and interpreted in images, artefacts and products• how images, artefacts and products relate to social, historical, vocational and cultural contexts• a variety of approaches, methods and intentions of contemporary and historical artists from different cultures and their contribution to continuity and change in society.	<p>Students will develop their skills in:</p> <ul style="list-style-type: none">• the ability to record experiences and ideas in appropriate forms when undertaking research and gathering, selecting and organising visual, and other relevant information<ul style="list-style-type: none">• exploring relevant resources – analysing, discussing and evaluating images, objects and products, making and recording independent judgements in visual and other forms• generating and exploring potential lines of enquiry using appropriate techniques and processes.• applying knowledge and understanding; reviewing and modifying work and planning and developing ideas in the light of their own and others' evaluations• organising, selecting and communicating ideas, solutions and responses, and presenting them in a range of appropriate visual, tactile and/or sensory forms including the use of new technologies• working both as individuals and in collaboration with others in a range of situations• discussing the work of relevant photographers, artists and film makers.• using correct Art vocabulary• annotating and evaluating their own work in relation to their intentions

Year 11 Beliefs and Values

Knowledge	Skills
<p data-bbox="204 333 663 416">Students will develop their knowledge of:</p> <ul data-bbox="204 472 783 1200" style="list-style-type: none"><li data-bbox="204 472 363 506">• Ethics<li data-bbox="204 517 488 551">• Social justice<li data-bbox="204 562 762 645">• Philosophy and what it means to be human<li data-bbox="204 656 587 689">• Peace and pacifism<li data-bbox="204 701 746 734">• Prejudice and discrimination<li data-bbox="204 745 783 1014">• RSE: What a healthy relationship looks like and how to make choices that are safe and limit risk. The law surrounding consent and Harmful sexual behaviours.<li data-bbox="204 1025 751 1200">• Careers and future choices: pathways to explore different careers and financial awareness.	<p data-bbox="810 333 1366 416">Students will develop their skills in:</p> <ul data-bbox="810 472 1382 1666" style="list-style-type: none"><li data-bbox="810 472 1350 595">• Maturity, compassion and tolerance towards real world issues<li data-bbox="810 607 1334 730">• Ethical, philosophical and religious thinking and how it influences people's lives<li data-bbox="810 741 1262 824">• Having an awareness of differing viewpoints<li data-bbox="810 835 1366 958">• Appraising and appreciating a variety of beliefs and worldviews<li data-bbox="810 969 1246 1104">• Deep thinking skills in connection to ultimate questions<li data-bbox="810 1115 1270 1200">• Listening to others and respectfully disagreeing<li data-bbox="810 1211 1334 1379">• Using evidence from various sources, including religious scripture, to express and evaluate ideas<li data-bbox="810 1391 1382 1514">• Analysing different ideas and viewpoints and being willing to justify your point of view<li data-bbox="810 1525 1015 1559">• Debating<li data-bbox="810 1570 1015 1603">• Empathy<li data-bbox="810 1615 1222 1666">• Working to deadlines

Year 11 PE (Core)

Knowledge	Skills
<p data-bbox="193 333 794 416">Students will develop their knowledge of:</p> <ul data-bbox="193 472 794 1093" style="list-style-type: none"><li data-bbox="193 472 794 600">• advanced strategies, tactics and skills used in sports and physical activities<li data-bbox="193 607 794 689">• rules and regulations for a range of sports<li data-bbox="193 696 794 779">• the impact of physical activity on health and wellbeing<li data-bbox="193 786 794 913">• how to perform safely and effectively to enable transition from school sport to sport post 16<li data-bbox="193 920 794 1093">• the benefits of leading a healthy active lifestyle through exercise and physical activity outside of school.	<p data-bbox="799 333 1401 416">Students will develop their skills in:</p> <ul data-bbox="799 472 1401 1413" style="list-style-type: none"><li data-bbox="799 472 1401 734">• racquet sports, striking and fielding, invasion games, athletics, dance, health related exercise, climbing, trampolining and outdoor and adventurous activities (OAA)<li data-bbox="799 741 1401 779">• team-work<li data-bbox="799 786 1401 958">• using advanced techniques, strategies and tactics in a range of sports in competitive game situations<li data-bbox="799 965 1401 1227">• being able to make the correct decisions in competitive and performance situations to allow them to beat an opponent regularly and apply knowledge to different contexts and activities<li data-bbox="799 1234 1401 1413">• analysing performance of themselves and others during performance to alter the outcome of a game.