



# English First Language & Literature in English

CK Grade 5	CK Grade 6	CK Grade 7	CK Grade 8	IGCSE English (0500) Grade 9-10	IBDP English Language and Literature Grade 11-12
<ul style="list-style-type: none"> <li>• Writing</li> <li>• Grammar and Usage</li> <li>• Research</li> <li>• Vocabulary</li> <li>• Poetry</li> <li>• Fiction</li> <li>• Drama</li> <li>• Stories</li> <li>• Drama</li> <li>• Myths and Legends</li> <li>• Literary Terms</li> <li>• Speeches</li> <li>• Sayings and Phrases</li> </ul>	<ul style="list-style-type: none"> <li>• Writing</li> <li>• Grammar and Usage</li> <li>• Research</li> <li>• Spelling</li> <li>• Vocabulary</li> <li>• Poetry</li> <li>• Fiction</li> <li>• Drama</li> <li>• Stories</li> <li>• Classical Mythology</li> <li>• Literary Terms</li> <li>• Speaking and Listening</li> <li>• Sayings and Phrases</li> </ul>	<ul style="list-style-type: none"> <li>• Writing</li> <li>• Grammar, and Usage</li> <li>• Research</li> <li>• Speaking and Listening</li> <li>• Spelling</li> <li>• Vocabulary Poetry</li> <li>• Fiction</li> <li>• Nonfiction</li> <li>• Drama</li> <li>• Short Stories</li> <li>• Novels</li> <li>• Elements of Fiction</li> <li>• Essays and Speeches</li> <li>• Autobiography</li> <li>• Drama</li> <li>• Literary Terms</li> <li>• Foreign Phrases Commonly Used in English</li> </ul>	<ul style="list-style-type: none"> <li>• Writing</li> <li>• Grammar and Usage</li> <li>• Research</li> <li>• Speaking and Listening</li> <li>• Grammar</li> <li>• Spelling</li> <li>• Vocabulary</li> <li>• Poetry</li> <li>• Fiction</li> <li>• Nonfiction</li> <li>• Drama</li> <li>• Short Stories</li> <li>• Novels</li> <li>• Elements of Fiction</li> <li>• Essays and Speeches</li> <li>• Autobiography</li> <li>• Drama</li> <li>• Literary Terms</li> <li>• Foreign Phrases Commonly Used in English</li> </ul>	<ul style="list-style-type: none"> <li>• Twentieth and/or twenty-first century literature</li> <li>• Fiction</li> <li>• Non-fiction</li> <li>• Essays</li> <li>• Reviews and articles.</li> <li>• Language and style to achieve effects and influence with facts, ideas, perspectives, opinions and bias</li> <li>• Descriptive writing</li> <li>• Narrative writing</li> <li>• Discursive writing</li> <li>• Argumentative writing</li> <li>• Persuasive writing</li> <li>• Letters</li> <li>• Reports</li> <li>• Articles</li> <li>• Journals</li> <li>• Speeches</li> <li>• Interviews</li> <li>• Summaries</li> <li>• Spontaneous response to questions and prompts</li> <li>• Presentation skills</li> </ul>	<p><b>Core Content:</b></p> <ul style="list-style-type: none"> <li>• Language in cultural context</li> <li>• Effect of audience and purpose on the structure and content of texts</li> <li>• Impact of language changes</li> <li>• Effect of culture and context on language and meaning</li> <li>• Forms of communication within the media educational, political or ideological influence of the media</li> <li>• Ways in which mass media use language and image to inform, persuade or entertaining</li> <li>• Historical, cultural and social contexts in which texts are written and received</li> <li>• Relationship between context and formal elements of the text, genre and structure</li> <li>• Attitudes and values expressed by literary texts and their impact on readers</li> <li>• Detailed exploration of literary works</li> <li>• Elements such as theme and the ethical stance or moral values of literary texts</li> <li>• Appropriate use of literary terms</li> </ul> <p><b>Internal assessment: 30%</b> <b>External assessment: 70%</b></p>



Core Knowledge



Cambridge Assessment  
International Education



Diploma  
Programme

Grade 9-10 IGCSE & 11-12 IBDP curricula build on CK topics covered in grades 6, 7 & 8. \*Some curriculum changes may be implemented by the IB prior to first TASIS Portugal cohort reaching grade 11-12



CURRICULUM PROGRESSION AT TASIS PORTUGAL



# Sciences Co-ordinated ; Biology; Chemistry; Physics

Amplify Sci Grade 5	Amplify Sci Grade 6	Amplify Sci Grade 7	Amplify Sci Grade 8	IGCSE Sciences (0610, 0620, 0625) and Co-ordinated (0654) Grade 9-10		IBDP Sciences Grade 11-12
<ul style="list-style-type: none"> <li>• Patterns of Earth and Sky</li> <li>• Modeling Matter</li> <li>• The Earth System</li> <li>• Ecosystem Restoration</li> </ul>	<ul style="list-style-type: none"> <li>• Microbiome</li> <li>• Traits and Reproduction</li> <li>• Plate Motion</li> <li>• Rock Formations</li> <li>• Ocean, Atmosphere and Climate</li> <li>• Weather Patterns</li> <li>• Earth's Changing Climate</li> <li>• Phase Change</li> </ul>	<ul style="list-style-type: none"> <li>• Harnessing Human Energy</li> <li>• Waves (Light and sound)</li> <li>• Metabolism and organ systems</li> <li>• Populations and Resources</li> <li>• Elements, compounds and mixtures</li> <li>• Acids and bases</li> </ul>	<ul style="list-style-type: none"> <li>• Reactions of Metals</li> <li>• Chemical Reactions</li> <li>• Thermal Energy</li> <li>• Force and Motion</li> <li>• Magnetic Fields</li> <li>• Earth, Moon, and Sun</li> <li>• Natural Selection</li> <li>• Evolutionary History</li> </ul>	<p><b>Biology</b></p> <ul style="list-style-type: none"> <li>• Characteristics, classification and organization of living organisms</li> <li>• Movement into and out of cells</li> <li>• Biological molecules</li> <li>• Enzymes</li> <li>• Plant and human nutrition</li> <li>• Transport in plants and animals</li> <li>• Diseases and immunity</li> <li>• Gas exchange in humans</li> <li>• Respiration</li> <li>• Excretion in humans</li> <li>• Coordination and response</li> <li>• Drugs</li> <li>• Reproduction</li> <li>• Inheritance</li> <li>• Variation and selection</li> <li>• Human influences on ecosystems</li> <li>• Biotechnology and genetic modification</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>• States of matter</li> <li>• Atoms, elements and compounds</li> <li>• Stoichiometry Electrochemistry</li> <li>• Chemical energetics</li> <li>• Chemical reactions</li> <li>• Acids, bases and salts The Periodic Table</li> <li>• Metals</li> <li>• Chemistry of the environment</li> <li>• Organic chemistry</li> <li>• Experimental techniques and chemical analysis</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>• Motion, forces and energy</li> <li>• Thermal physics</li> <li>• Waves</li> <li>• Electricity and magnetism</li> <li>• Nuclear physics</li> <li>• Space physics</li> </ul> <p><b>Co-ordinated science</b> covers the same topics but in less detail. Students will learn around 2/3 of the material compared to the individual science courses. Students still attend lessons in biology, chemistry, and physics.</p>		<p><b>Biology Core Content:</b> Cell biology; Molecular biology; Genetics; Ecology; Evolution and biodiversity; Human physiology  <b>HL Depth Study:</b> Nucleic acids; Metabolism, cell respiration and photosynthesis; Plant biology; Genetics and evolution; Animal physiology</p> <p><b>Chemistry Core Content:</b>  Stoichiometric relationships; Atomic structure; Periodicity; Chemical bonding and structure; Energetics/thermochemistry; Chemical kinetics; Equilibrium; Acids and bases; Redox processes; Organic chemistry; Measurement and data processing  <b>HL Depth Study:</b> Deeper study of all chemistry core content</p> <p><b>Physics Core Content:</b> Measurements and uncertainties; Mechanics; Thermal physics; Waves; Electricity and magnetism; Circular motion and gravitation; Atomic, nuclear and particle physics; Energy production  <b>HL Depth Study:</b> Wave phenomena; Fields; Electromagnetic induction; Quantum and nuclear physics</p> <p><b>Internal assessment: 20%</b>  <b>External assessment: 80%</b></p>

AmplifyScience 



Cambridge Assessment  
International Education



Diploma  
Programme

Grade 9-10 IGCSE & 11-12 IBDP curricula build on Amplify Science topics covered in grades 6, 7 & 8. \*Some curriculum changes may be implemented by the IB prior to first TASIS Portugal cohort reaching grade 11-12



CURRICULUM PROGRESSION AT TASIS PORTUGAL



# Mathematics

SM Grade 5	SM Grade 6	SM Grade 7	SM Grade 8	IGCSE Math (0670) Grade 9-10	IBDP Math Grade 11-12
<ul style="list-style-type: none"> <li>Whole Numbers and the Four Operations</li> <li>Fractions and Mixed Numbers</li> <li>Multiplying and Dividing Fractions and Mixed Numbers</li> <li>Decimals</li> <li>Four Operations of Decimals</li> <li>Volume</li> <li>Line Plots and Coordinate Plane</li> <li>Polygons</li> <li>Ratio</li> <li>Percent</li> </ul>	<ul style="list-style-type: none"> <li>Whole Numbers, Prime Numbers, Factoring</li> <li>Negative Numbers and Number Lines</li> <li>Fractions and Decimals</li> <li>Ratio</li> <li>Rate</li> <li>Percent</li> <li>Algebraic Expressions</li> <li>Equations and Inequalities</li> <li>Coordinate Plane</li> <li>Area of Polygons</li> <li>Surface Area and Volume of Solids</li> <li>Statistics</li> <li>Measures of Central Tendency</li> </ul>	<ul style="list-style-type: none"> <li>Rational Numbers</li> <li>Algebraic Expressions</li> <li>Algebraic Equations and Inequalities</li> <li>Proportion and Percent of Change</li> <li>Angle Properties and Straight Lines</li> <li>Geometric Construction</li> <li>Circumference, Area, Volume, and Surface Area</li> <li>Statistics and Probability</li> <li>Probability of Compound Events</li> </ul>	<ul style="list-style-type: none"> <li>The Real Number System</li> <li>Exponents</li> <li>Scientific Notation</li> <li>Linear Equations and Inequalities</li> <li>Lines and Linear Equations</li> <li>Systems of Linear Equations</li> <li>Functions</li> <li>The Pythagorean Theorem</li> <li>Geometric Transformations</li> <li>Congruence and Similarity</li> <li>Volume and Surface Area of Solids</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Number</li> <li>Algebra</li> <li>Functions</li> <li>Coordinate geometry</li> <li>Geometry</li> <li>Vectors and transformations</li> <li>Mensuration</li> <li>Trigonometry</li> <li>Sets</li> <li>Probability</li> <li>Statistics</li> <li><b>Graphic display calculator requirements</b></li> <li>sketch a graph</li> <li>produce a table of values for a function</li> <li>find zeros and local maxima or minima of a function</li> <li>find the intersection point of two graphs</li> <li>find mean, median, quartiles</li> <li>find the linear regression equation</li> </ul>	<p><b>Core Content:</b></p> <ul style="list-style-type: none"> <li>Algebra</li> <li>Functions and Equations</li> <li>Circular functions and trigonometry</li> <li>Vectors</li> <li>Statistics and probability</li> <li>Calculus</li> </ul> <p><b>Internal assessment:</b> <b>External assessment</b></p>



Singapore Math



Cambridge Assessment  
International Education



Diploma  
Programme

Grade 9-10 IGCSE & 11-12 IBDP curricula build on SM topics covered in grades 6, 7 & 8. \*Some curriculum changes may be implemented by the IB prior to first TASIS Portugal cohort reaching grade 11-12



CURRICULUM PROGRESSION AT TASIS PORTUGAL



# History

CK Grade 5	CK Grade 6	CK Grade 7	CK Grade 8	IGCSE History (0470) Grade 9-10	IBDP History Grade 11-12
<ul style="list-style-type: none"> <li>World lakes</li> <li>Mayan, Aztec &amp; Inca civilizations</li> <li>Age of Exploration</li> <li>Portuguese history</li> <li>The Renaissance</li> <li>The Reformation</li> <li>England's Golden Age</li> <li>Early Russia</li> <li>Feudal Japan</li> <li>US Civil War</li> </ul>	<ul style="list-style-type: none"> <li>Great deserts</li> <li>Industrial Revolution</li> <li>Enlightenment &amp; French Revolution</li> <li>Ancient Greece &amp; Rome</li> <li>Judaism &amp; Christianity</li> <li>Latin America</li> <li>Portuguese history</li> </ul>	<ul style="list-style-type: none"> <li>WW1</li> <li>Russian Revolution</li> <li>Great Depression</li> <li>WW2</li> <li>Salazar/Estado Novo</li> </ul>	<ul style="list-style-type: none"> <li>Decline of European Colonialism (British Empire/Creation of PRC)</li> <li>Cold War</li> <li>Civil Rights Movement</li> <li>Vietnam War &amp; Social Activism</li> <li>Middle East &amp; Oil Politics</li> <li>Portugal Colonial Wars &amp; Revolution</li> <li>End of Cold War</li> </ul>	<p><b>Core Content: Option A, The 19<sup>th</sup> Century: The Development of Modern Nation States</b></p> <p>#Were the Revolutions of 1848 Important?</p> <p>#How was Italy unified?</p> <p>#How was Germany unified?</p> <p>#Why was there a civil war in the US and what were its results?</p> <p>#Why, and with what effects, did Europeans expand their overseas empires in the 19<sup>th</sup> century?</p> <p>#What caused the First World War?</p> <p><b>Depth Study: The First World War 1914-18</b></p> <p>1. Why was the war not over by December 1914?</p> <p>2. Why was their stalemate on the Western Front?</p> <p>3. How important were other fronts?</p> <p>4. Why did Germany ask for an armistice in 1918?</p>	<p><b>Prescribed Subject: Rights and Protest</b></p> <p>#Case Study 1: Civil rights movements in the United States (1954-1965)</p> <p>#Case Study 2: Apartheid South Africa (1948-1964)</p> <p><b>World History Topics</b></p> <p>#Authoritarian States (20<sup>th</sup> Century)</p> <p>#The Cold War: Superpower tensions and rivalries (20<sup>th</sup> century)</p> <p><b>HL Depth Study: History of Europe</b></p> <p>#The Soviet Union and post-Soviet Russia (1924-2000)</p> <p>#Post-war western and northern Europe (1945-2000)</p> <p>#Post-war central and eastern Europe (1945-2000)</p> <p><b>Internal Assessment – Topic is Student's Choice with Teacher Guidance</b></p>



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