



End of Year assessment timetable Years 7 – 9

Monday 17th June 2024- Friday 28th June 2024

<u>Subject</u>	<u>Y7</u>	<u>Y8</u>	<u>Y9</u>
Maths	Monday 24 th June	Tuesday 18 th June	Friday 21 st June
English	Monday 17 th June	Wednesday 19 th June	Wednesday 19 th June
Science	Tuesday 18 th June	Friday 21 st June	Thursday 27 th June
History	Week of 17 th June	Week of 24 th June	Week of 17 th June
Geography	Week of 24 th June	Week of 17 th June	Week of 24 th June
MFL	Week of 17 th June	Week of 24 th June	Week of 17 th June
Religious Studies	Week of 24 th June	Week of 17 th June	Week of 17 th June

*Please note that students will be assessed in their creative subjects too, but not always through written assessments

End of Year assessment timetable Year 10

	Period	Subject	Length	Location	Quiet room supervision	
Week 1	Monday 17th June					
	1	English Literature Paper 1	1hr 45mins	Sports Hall		
	2					
	3	History Paper 1	1 hr 15 mins	Sports Hall		
	4					
	5	Greek writing	Greek 1hr 25mins	Sports Hall - Drama	Year 11 GCSE	
	Tuesday 18th June					
	1	Design & Technology	2hrs	Sports Hall - Drama		
	2					
	3	Geography Paper 1	1hr 30mins	Sports Hall		
	4					
	5	Portuguese Writing, Polish Writing and Persian Writing	Portuguese- 1hr 15mins Polish 1hr 15mins Persian 1hr 25mins	Sports Hall - Drama		
	Wednesday 19th June					
	1					
	2					
3						
4						
5						
Thursday 20th June						
1	Hospitality & Catering	1hr 20mins		Year 11 GCSE		
2						
3	English Language Paper 1	1hr 45 mins	Sports Hall			
4						
5	RE Paper 1	1hr	Sports Hall			
Friday 21st June						
1	Combined & Triple Science Biology Paper 1	C 1hr 15 mins - T 1hr 45m	Sports Hall			
2						
3	Maths Paper 1 Non Calc	1hr 30mins	Sports Hall			
4						
5	Geography P2 Section A only	Geography - 30 minutes	Sports Hall			

	Period	Subject	Length	Location	Quiet room supervision
Week 2	Monday 24th June				
	1	Combined Science & Triple Chemistry Paper 1	C 1hr 15 mins - T 1hr 45m	Sports Hall	
	2				
	5	Spanish Listening Paper 1 & Reading Paper 3	Sp F 1hr 20, Sp H 1hr 45,	Sports Hall/Drama	
	6				
	5				
	Tuesday 25th June				
	1	Maths Paper 2 Calc	1hr 30mins	Sports Hall	
	2				
	3	French Listening Paper 1 & French Paper 3	F 1hr 20, Sp H 1hr 45,	Sports Hall/Drama	
	4				
	5				
	Wednesday 26th June				
	1	Combined & Triple Science Physics Paper 1	C 1hr 15 mins - T 1hr 45m	Sports Hall	
	2				
3	Spanish & French Writing	60 minutes	Sports Hall		
4					
5					
Thursday 27th June					
1	Sociology Paper 1	1hr 45mins	Sports Hall		
2					
3	Design Technology	1hr	Sports Hall		
4					
5	History Paper 2	1 hour	Sports Hall		
Friday 28th June					
1	Media Studies	1hr 30 mins	Sports Hall		
2					
3	Catering and Hospitality	1hr	Sports Hall		
4					
5	RE Paper 2	1hr	Sports Hall		



End of Year Assessment Summaries

If you would like to support your child(ren) revise and prepare for the assessments at home, please find a summary of the topics the students will be assessed on. More detail can also be found on the Academy website.

Subject	Y7	Y8	Y9	Y10
Maths	Please see more detailed information at the bottom of this page.			
English	<p>Vocabulary MCQ – vocabulary from the academic year will be assessed; Comprehension MCQs – students will be assessed on their understanding of an unseen text; Extended Writing – students will be assessed on their ability to respond to an unseen text applying comprehension, inference, explanation of language in an unseen text and artful sentences.</p>	<p>Vocabulary MCQ – vocabulary from the academic year will be assessed; Comprehension MCQs – students will be assessed on their understanding of an unseen text; Extended Writing – students will be assessed on their ability to respond to an unseen text applying comprehension, inference, explanation of language in an unseen text and artful sentences.</p>	<p>Vocabulary MCQ – vocabulary from the academic year will be assessed; Comprehension MCQs – students will be assessed on their understanding of an unseen text; Extended Writing – students will be assessed on their ability to respond to an unseen text applying comprehension, inference, explanation of language in an unseen text and artful sentences.</p>	<p>English Language Paper 1 – Reading fiction (questions 1-4) and Writing fiction (START) 80 marks (50% of Language qualification in 2025)</p> <p>English Literature Paper 1 – Macbeth and A Christmas Carol 64 marks (40% of Literature qualification in 2025)</p>

<p style="text-align: center;">Science</p>	<p>Multi-Discipline on one paper. 55 marks. Solutions and Solubility. Chemical Reactions. Properties of metals and non-metals. Particle model. State changes. Cells Hierarchy of organisation. Microscopy and magnification Variation, inheritance and the causes of variation. Forces and motion. Sound and waves. Graph interpretation and analysis.</p>	<p>Multi-Discipline on one paper. 52 marks. pH scale Acids and Alkalis Endothermic and Exothermic Reactions Chemistry of the atmosphere, acid rain and pollution Digestion Nutrition Inheritance and genetics Space Days, Nights, Seasons and Years Hooke's law, the relationship between force and extension. Distance/Time graphs Forces and motion Chemical reactions and chemical equations (word) Water Cycle Classification Sexual and asexual reproduction</p>	<p>Multi-Discipline on one paper. 50 Marks. Sexual and asexual reproduction Chemical and physical properties of group 1. Word and symbol chemical equations Transverse and Longitudinal waves Electromagnetic waves Speed/Time graphs and Velocity/Time graphs Atomic Structure Production of chemical salts Physical and chemical properties of group 7. Bonding (Covalent, Ionic, Metallic) Cellular anatomy Eukaryotic and prokaryotic cells Magnification and microscopes The immune system Energy resources Kinetic energy/elastic potential energy Resultant forces and motion</p>	<p>3 individual papers. Biology, Chemistry and Physics 70 marks (1H 15 mins) for combined, 100 marks (1H 45 mins) for separates</p> <p>Biology Paper 1 Modules: -Cell Biology -Organisation -Infection and Response</p> <p>Chemistry Paper 1 Modules: -Atomic Structure and the Periodic Table -Bonding and Properties of Matter -Quantitative Chemistry -Chemical Changes -Energy Changes</p> <p>Physics Paper 1 Modules: -Energy -Electricity -Particle Model of Matter -Atomic Structure and Radiation</p> <p>Please clarify with your teacher if you will be sitting their higher or foundation paper as some content is exclusive to higher. Separates students also have additional content.</p>
<p style="text-align: center;">History</p>	<p>Y7- Constantinople: How did Ancient Greeks and Roman influence Constantinople? What led to the downfall of the Umayyad Caliphate in 750? Medieval Baghdad: What is the significance of Abbasid Baghdad? What connected the cities of Baghdad and Cordoba? Cordoba and Conques: What can we learn from the church at Conques?</p>	<p>Y8- The Mughals: Who were the Mughals? Babur, Humayun, Akbar, Jahangir, Shah Jahan and Aurangzeb. What mattered to the Mughals? The Mayflower: Discovering a ' New World' What was the impact on Native Americans? Who were the Pilgrim fathers? Power of the Monarchy: Does power matter to all rulers? James I, King John, Simon de Montfort, Charles I, Cromwell, Charles II, William & Mary. Enlightenment :</p>	<p>Y9- Democracy: Who was Sophia Duleep Singh? What was the significance of Duleep's visit to India in 1907? Suffragettes and the call for democracy. WWI: What were the causes of WWI, MAIN. German Unification, Why did WWI break out in 1914?, Fighting and Experiences of War. The Holocaust: Life for Jewish people before 1933, Nazi Germany, Ghettos, Final Solution, Auschwitz: Who was responsible? Jewish resistance, Liberation and rebuilding lives.</p>	<p>Y10- Paper 1 Migration -Migrants in Britain, c800–present and Notting Hill, c1948–c1970: <u>Migration in medieval England, Migration in early modern England, Migration in eighteenth- and nineteenth-century Britain, Migration in modern Britain and Historic Environment Notting Hill c1948–c1970.</u></p> <ul style="list-style-type: none"> • The context for migration • The experience and impact of migrants • Case Studies: The city of York under the Vikings, The experience of Huguenots, Irish and Jewish Migrants, Bristol and Leicester and The Race Relations Act. • Housing in Notting Hill, Bruce Kenrick, Portabello Road, Racism and Policing, Kelso Cochrane, Caribbean Culture, Claudia Jones, Mangrove Nine, British Black Panthers.

	<p>What can we learn from the relic inside Conques?</p> <p>The Norman Conquest: Describe the kingdom of Anglo-Saxon England. What were the consequences of the Norman conquest?</p> <p>The Crusades: How did the first crusaders make it out of Antioch? What was the relationship between the church and monarchy in Medieval England?</p> <p>The Mongols: How can we explain Mongolian success?</p> <p>Mansa Musa: What was the Kingdom of Mali and Mansa Musa's legacy? Why was Mansa Musa's Hajj significant?</p> <p>The Black Death: Why did the Peasants revolt in 1381? What were the Consequences of the Black Death on Society and Power? What was the Renaissance?</p> <p>The Reformation: Was the Reformation a 'Car crash'? Why did Luther want Reform? Tudor Monarchs</p> <p>The Aztecs: What do we know about them and how? The fall of the Aztec Empire.</p>	<p>What was the Enlightenment and how did it impact Europe? Isaac Newton, Science and Women. What can people, places and objects reveal about the enlightenment?</p> <p>French Revolution : What was the French Revolution? Why did the French revolt in 1789? Explain the events of the French Revolution.</p> <p>British Empire: What is the legacy of Empire? Benefits and Atrocities of Empire. Analyse different interpretations of Empire and multicultural.</p> <p>Abolition of the slave trade: What was the Transatlantic Slave Trade? Oludah Equiano, Haitian Revolution, Zong Massacre. Analysis of the decision to abolish the slave trade in Britain.</p> <p>Who protested in 19th century Britain: How did the Industrial Revolution change Britain? What was it like for child labourers? Living and Working conditions. What was the Peterloo massacre? Who protested and why?</p> <p>Ripples in the 20th century: Boer War, Indian Independence, NHS, Margaret Thatcher, Wolfenden Report, 11th September 2002 and The War on Terror.</p>	<p>Why is it important to remember the holocaust?</p> <p>The Atomic Bomb & why it was dropped on Japan: The Interwar period, Tensions between the west and Japan. What justifications are given for using the Atomic Bomb on Japan? What was the human cost and the links to the Cold War. Understanding the political and humanitarian impacts.</p> <p>Salford Lad's Club: What was the Salford Lad's Club? How did the Salford Lad's club contribute to WWI?</p> <p>Mao's China: Did Mao's Revolution Resonate with Everyone? Rural and Urban China, Women in Mao's China, Sources and Propaganda. The Great Leap Forward, Cultural revolution and Mao's Legacy.</p> <p>Black British Civil Rights: What does it mean to be Black and British? Early Activism, Dame Jocelyn Barrow, Development of Activism, 1970s Regression, British Black Panthers, 1981 Turning Point, Human Rights Act.</p> <p>Ripples in the 20th century: Boer War, Indian Independence, NHS, Margaret Thatcher, Wolfenden Report, 11th September 2002 and The War on Terror.</p>	<p>Paper 2 Cold War- Superpower relations and the Cold War, 1941-91: There are three types of question on this paper:</p> <ul style="list-style-type: none"> • Explain two consequences of ... (8 marks) • Write a narrative account analysing the key events of... (8 marks) • Explain two of the following: the importance of... (16 marks) <p>Origins of the Cold War: 1941-1958 The Grand Alliance. The outcomes of the Tehran, Yalta and Potsdam conferences. The ideological differences, development of the atomic bomb, the Long and Novikov telegrams and the creation of Soviet satellite states in Eastern Europe. Truman Doctrine and the Marshall Plan, Cominform, Comecon and NATO. The Berlin Crisis, Arms race, Warsaw Pact, Hungarian Uprising and Soviet Invasion.</p> <p>Cold War crises, 1958-70 The refugee problem in Berlin, Khrushchev's Berlin ultimatum (1958), and the summit meetings of 1959-61. The construction of the Berlin Wall, 1961. Cuban Missile crisis and Bay of Pigs. Limited Test Ban Treaty (1963); the Outer Space Treaty (1967); and the Nuclear Non-Proliferation Treaty (1968). The Prague Spring and Brezhnev Doctrine.</p> <p>The end of the Cold War, 1970-91 Détente in the 1970s, SALT 1, Helsinki, SALT 2. Gorbachev's 'new thinking' and the Intermediate-Range Nuclear Force (INF) Treaty (1987). The significance of the Soviet invasion of Afghanistan, the Carter Doctrine and the Olympic boycotts. Reagan and the 'Second Cold War', the Strategic Defence Initiative The significance of the fall of the Berlin Wall. The collapse of the Soviet Union and its significance and the end of the Warsaw Pact.</p>
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	Reputation, Historians and Sources: What do we learn from them?			
Geography	Physical and Human Geography of the UK and Salford, Tectonic Hazards (Mt Merapi/Nepal Earthquake), Development (Malawi to Laos), Weather and Climate (Beast from the East), Rivers (Thames/Somerset)	Population (Mumbai), Cold Environments (glacial landforms, Lake District), Globalisation (APPLE TNC, China Superpower), Climate change (Bangladesh), Coasts (processes/engineering/Maldives)	Y9 – Interconnectedness (Afghanistan, Covid-19, Iceland Eruption), Greatest Threats (water insecurity, waste, frozen planet, coral reefs), Biomes (pond, Amazon rainforest, Sahara Desert), Natural Hazards (Haiti, L’Aquila, Typhoon Haiyan)	Paper 1 (all) = Natural Hazards (Haiti, L’Aquila, Typhoon Haiyan), Living World (pond, Amazon rainforest, Sahara Desert), UK Physical Landscapes (Rivers – Tees & Somerset, Coasts - Medmerry & Dorset) Paper 2 (Section A only) = Urban Issues and Challenges (Manchester UK city, Rio de Janeiro LIC/NEE city, Freiburg sustainable city, London’s sustainable Transport)
MFL	<p>Students will be tested on:</p> <ul style="list-style-type: none"> Common sounds (E, I, CE, Ñ) Basic questions Identifying True/False statements Descriptions of hair/personality Family members ‘Tener’ and ‘Ser’ in the present tense Adjectival agreement <p>Saying when your birthday is; describing your personality; saying an activity you like; saying where you’ll go on holiday in the future</p>	<p>Students will be tested on:</p> <ul style="list-style-type: none"> Common sounds (CH, QUE, LL) Clothing: styles and uniform Houses/where you live Transport Basic questions about school Identifying True/False statements Llevar/vivir in the present tense Adjectival agreement Demonstrative pronouns <p>Saying where you live; describing your house; what you did in school yesterday; what you like to wear</p>	<p>Students will be tested on:</p> <ul style="list-style-type: none"> Transport types Jobs Places in a house Holiday activities Prepositions (in front of, behind etc.) Ir (to go) in the present/past tense Ser vs. Estar Direct Object Pronouns <p>Describe your house; what is your favourite subject; what you did in school yesterday; where you usually go on holiday and how you travel; what you’d like to be in the future</p>	<p>Students will be tested on:</p> <ul style="list-style-type: none"> Common sounds (E, I, CE, Ñ) Basic questions Identifying True/False statements Descriptions of hair/personality Family members ‘Tener’ and ‘Ser’ in the present tense Adjectival agreement <p>Saying when your birthday is; describing your personality; saying an activity you like; saying where you’ll go on holiday in the future</p>
Religious Studies	<p>Key teachings with Judaism, Christianity and Islam focusing on:</p> <ul style="list-style-type: none"> The key people within the religion e.g. Abraham, Jesus and Prophet Muhammad Key teachings on life after death 	<p>Key Teachings on Hinduism, Social Justice and Buddhism focusing on:</p> <ul style="list-style-type: none"> How people have been influenced by their religion to fight for good e.g. Muhammad Ali, Martin Luther King, Marcus Rashford Three Marks of Existence in Buddhism e.g. Anicca, Anatta and Dukkha 	<p>Key teachings on Moral Dilemmas, Religious views of conflict and Sanctity and Quality of life:</p> <ul style="list-style-type: none"> Moral Dilemmas – Utilitarianism, Situation Ethics, Conscience, Virtue Ethics Conflict – pacifism, jihad, holy war, religious extremism 	<p>Paper 1 – Issues of Good and Evil and Issues of Life and Death</p> <ul style="list-style-type: none"> Good and evil, moral theories, free will and predestination, Original Sin, cause of crime, types of punishment – prison, corporal punishment, death penalty, aims of punishment Sanctity of Life, quality of life, abortion, euthanasia, origins of the universe, stewardship, the soul, funerals <p>Paper 2 – Christianity beliefs and practices</p> <ul style="list-style-type: none"> The nature of God, Trinity, Creation, Jesus’ life (incarnation, crucifixion, resurrection and ascension), afterlife, salvation

	<ul style="list-style-type: none"> Religious festivals e.g. Yom Kippur, Easter and Eid 	<ul style="list-style-type: none"> Key teachings about what happens when you die in Hinduism and Buddhism 	<ul style="list-style-type: none"> Sanctity and Quality of life – factors affecting quality of life, euthanasia and abortion 	<ul style="list-style-type: none"> Forms of worship, prayer, sacraments including baptism and eucharist, pilgrimage, festivals (Christmas and Easter), local church, missionary work, reconciliation and response to poverty
Sociology	N/A	N/A	N/A	<p>Families and Households-</p> <ul style="list-style-type: none"> Functions of families Family forms Conjugal role relationships Changing relationships within families Criticisms of families Divorce <p>Education –</p> <ul style="list-style-type: none"> Roles and Functions of Education The relationship between education and capitalism Educational achievement Processes within schools <p>Research Methods-</p> <ul style="list-style-type: none"> Research design Qualitative and quantitative methods Different types of data Primary and Secondary sources Interpretation of data Practical issues Ethical issues



Maths Checklists:

Year 7:

Autumn 1 Topic: Making generalisations about the number system (1) Number		Autumn 2 Topic: Making generalisations about the number system (2) Algebra	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 1 – numbers and numerals	M429, M152, M515	Unit 5 – positive and negative numbers	M106, M268
Unit 2 – axioms and arrays	M952, M637, M409	Unit 6 – expressions, equations, inequalities	M237, M795, M417
Unit 3 – factors and multiples	M823		
Unit 4 – order of operation	M521		
Spring 1 Topic: 2D Geometry Geometry		Spring 2 Topic: The Cartesian plane Geometry	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 7 – angles including parallel lines	M331, M818, M502, M606	Unit 10 – co-ordinates	M618
Unit 8 – classifying 2D shapes	M276	Unit 11 – area of 2D shapes	M690, M269
Unit 9 – construction		Unit 12 – transformations	M139, M290
Summer 1 Topic: Fractions Number		Summer 2* Topic: Ratio and proportion Ratio and Proportion <small>*Summer 2 content will not be assessed</small>	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 13 – prime factor decomposition	M108	Unit 16 – ratio	M525, M695
Unit 14 – equivalent fractions	M410	Unit 17 - percentages	M437
Unit 15 – all operations acting on fractions	M835, M601, M931, M110, M619		

Year 8:

Autumn 1 Topic: Equations and inequalities Number + Algebra		Autumn 2 Topic: Graphs Algebra + Ratio and Proportion	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 1 – Sequences	M381, M991	Unit 4 – Linear graphs and identify key features of linear graphs	M932
Unit 2 – Forming and solving equations	M634	Unit 5 – ratio and proportion solving	M801
Unit 3 – Forming and solving inequalities	M384, M118	Unit 6 – Real life graphs and rate	M771
Spring 1 Topic: Proportional reasoning & Estimation Ratio and Proportion + Number		Spring 2 Topic: Representations and reasoning with data Probability & Statistics	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 7 – Direct and inverse proportion	M472, M665	Unit 9 – Univariate data	M493, M596, M328, M934, M127
Unit 8 – Accuracy and estimation	M878	Unit 10 – Bivariate data	M899
Summer 1 Topic: Angles Geometry		Summer 2* Topic: Area, volume and surface area Geometry <small>*Summer 2 content will not be assessed</small>	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 11 – angles in parallel lines and polygons	M606, M653	Unit 13 – Circles and composite shapes	M169, M231
Unit 12 - Bearings	M416	Unit 14 – 3D shapes	
		Unit 15 – Surface area and volume of prisms	M534, M661, M936, M722

Year 9:

Autumn 1 Topic: Coordinates, linear graphs, proportion and standard form Algebra + Ratio and Proportion + Number		Autumn 2 Topic: Algebraic expressions & Probability Algebra + Probability	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 1 – Coordinates	M618, M622	Unit 5 – Simplifying algebraic expressions	M531, M960, U178
Unit 2 – Linear graphs, parallel and perpendicular lines	M843	Unit 6 – Linear equations	M932
Unit 3 – Direct, inverse proportion	M478, U610, U357	Unit 7 – Algebraic manipulation	M184, M830
Unit 4 – Standard form	M719, M678	Unit 8 – Probability	M938, M206, M829, M419
Spring 1 Topic: 2D geometry and Number Geometry and measure + Number		Spring 2 Topic: Equations and Inequalities Algebra	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 9 – Construction and Loci	M253, M196, M239	Unit 13 – Inequalities	M732
Unit 10 – Congruence and similarity	M324, U519	Unit 14 – Simultaneous equations	U760
Unit 11 – Triangles and quadrilaterals	M767	Unit 15 – Quadratic and other graphs	U989
Unit 12 – Upper and lower bounds	M730		
Summer 1 Topic: Geometry Geometry and measure		Summer 2* Topic: Statistics Statistics *Summer 2 content will not be assessed	
Knowledge and skills covered:	Sparx	Knowledge and skills covered:	Sparx
Unit 16 – Pythagoras	M677,	Unit 19 – Mean from grouped data	U569, U877
Unit 17 – Trigonometry	U283, U545	Unit 20 – Cumulative frequency and box plots	U182
Unit 18 – Proof	M606, M502, M818		

Year 10: Paper 1 Foundation:

Topic	Detail	Sparx	Revised? ✓ x
Number			
Negative numbers	Negative numbers	U742	
Operations	Order of operations	U976	
Fractions, Decimals and percentages	Operations with decimals	U478 U293	
	Percentage of an amount	U554	
	Fraction of an amount	U881	
	Reverse percentage	U286	
Factors and multiples	Factors and multiples	U211 U751	
Indices, powers and roots	Standard Form	U330	
		U534	
		U264	
Algebra			
Solving equations	Solving one step equations	U755	
Types of algebra	Expressions	U105	
Rearranging	Rearranging	U556	
Brackets	Expanding brackets	U768	
Probability			
Independent probability	Tree diagram	U558	
Ratio			
Proportion/ratio	Simplify	U687	
	Equivalent	U753	
	Share an amount into a ratio	U577	
Geometry & Measures			
Angles	Types of angles	U447	
Co-ordinates	1-quadrant co-ordinates	U789	
Circles	Areas of circles	U950	
3D shapes	Volume	U786	

Maths Year 10: Paper 2 foundation;

Topic	Detail	Sparx	Revised? ✓ x
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Number

Place Value	Place Value	U600	
Fraction, decimals, percentages	Mixed to improper fractions	U692	
	Ordering fractions	U746	
	Compound interest	U332	
Factors, multiples, primes	Primes	U236	
	Multiples	U751	
Rounding and estimation	Error interval	U657	

Algebra

Solving equations	Solving one step equations	U755	
Expressions	Substitution	U201	
	Collecting like terms	U105	
	Factorising	U365	

Probability and data

Data representation	Pictogram	U506	
	Pie chart	U508	

Ratio & Proportion

Compound measure	Speed	U151	
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Geometry & Measures

Angles	Angles facts	U628, U732, U655	
Measure	Units and conversion	U388	
2D shapes	Enlargement	U519	
	Right angled trigonometry	U605, U283, U545	

Maths Year 10: Paper 1 Higher

Topic	Detail	Sparx	Revised? ✓ x
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Number

Powers, roots and special numbers	Indices and laws of indices	U851	
	Calculating with standard form	U330 U534 U264	
	Fractional indices/changing the base	U985 U772	
Fraction/ Decimal/ Percentage	Converting between fractions and decimals	U888	
	Recurring decimals	U689	
	Reverse Percentages	U286	

Algebra

Sequences	Fiboancci-type sequences	U680	
Quadratics	Simplifying algebraic fractions	U437	
	Completing the square	U397	
	Difference of two squares	U963	

Probability

Independent probability	Independent probability trees	U558	
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Ratio

Ratio	Sharing into a ratio	U577	
	Equivalent Ratio	U753	

Geometry & Measures

Shape	Similar Shape	U578	
Circle	Arc length	U221	
	Area	U950	
Angles	Angle facts in quadrilaterals	U732	
Area and Volume	Volume of a prism	U174	
Trigonometry	Exact trig values	U627	



Maths Year 10: Paper 2 Higher:

Topic	Detail	Sparx	Revised ✓ x
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Number

Fractions, decimals, percentages	Writing an amount as a fraction of another	U925	
	Compound interest	U332	
	Percentage problems	U349	
Factors, multiples and primes	Multiples	U751	
Rounding and estimation	Error interval	U657	

Algebra

Quadratics	Roots	U228	
	Solving using the formula	U665	
Equations	Changing the subject of the formula	U556	
	Simplifying algebraic fractions	U457	

Probability and data

Probability	Two events	U580	
	Relative frequency	U166	
	Venn diagrams	U476	

Ratio

Ratio	Applications of ratio	U595	
	Equivalent ratio problems	U753	
Proportion	Direct and inverse proportion	U407 U364	
Compound measures	Density and Pressure	U910 U527	
	Speed	U151	

Geometry & Measures

Circles	Sector area	U373	
Trigonometry	3D trigonometry	U170	
2D shapes	Enlargement	U519	
	Transformations and invariant points	U766	