

# CENTURY Course overview

With CENTURY Unlimited subscription you get access to English, maths and science courses suitable for Year 3 to Year 11. Each course is aligned to the English national curriculum.

Our COVID-19 School Closure Support Plan includes a reduced version of the core Unlimited subscription courses. It does not contain CENTURY's 11+, multiplication tables, arithmetic, English literature, maths bridge to A-level or GCSE exam board tailored courses.

## Courses included in **CENTURY Unlimited**

### Suitable for year 3 (ages 7-8)

Courses	This course covers
<b>Mathematics Year 3</b>	Number and place value, addition and subtraction, multiplication and division, fractions, measurement, time, geometry and statistics.
<b>Spelling, Punctuation and Grammar Years 3-6</b>	Word classes, core punctuation, advanced punctuation, sentence structure, verb forms, core spelling prefixes/suffixes, core spelling sounds and advanced spellings.
<b>Science Years 3-6</b>	Plants, animals including humans, living things & their habitats, evolution & inheritance, rocks, states of matter, properties and changes of materials, light, forces & magnets, sound, electricity, space, working scientifically and maths skills for scientists.  <i>Note: this course includes micro-lessons on sexual reproduction as it is aligned to the English national curriculum.</i>

## Suitable for year 4 (ages 8-9)

Courses	This course covers
<b>Mathematics Year 4</b>	Number and place value, addition and subtraction, multiplication and division, fractions, measurement, time, money, geometry and statistics.
<b>Multiplication tables</b>	Multiplication tables practice assessments from 2 - 12 times tables.
<b>Spelling, Punctuation and Grammar Years 3-6</b>	Word classes, core punctuation, advanced punctuation, sentence structure, verb forms, core spelling prefixes/suffixes, core spelling sounds and advanced spellings.
<b>Science Years 3-6</b>	<p>Plants, animals including humans, living things &amp; their habitats, evolution &amp; inheritance, rocks, states of matter, properties and changes of materials, light, forces &amp; magnets, sound, electricity, space, working scientifically and maths skills for scientists.</p> <p><i>Note: this course includes micro-lessons on sexual reproduction as it is aligned to the English national curriculum.</i></p>

## Suitable for year 5 (ages 9-10)

Courses	This course covers
<b>Mathematics Year 5</b>	Number and place value, addition and subtraction, multiplication and division, timetables and division facts, mixed operations, fractions, fractions decimals and percentages, measurement, time, money, geometry, area, perimeter, volume, properties of shapes, position and direction, and statistics.
<b>Multiplication Tables</b>	Multiplication tables practice assessments from 2 - 12 times tables.
<b>Arithmetic</b>	Practice assessments in place value, addition, subtraction, multiplication, division, mixed operations, fractions, percentages.
<b>Spelling, Punctuation and Grammar Years 3-6</b>	Word classes, core punctuation, advanced punctuation, sentence structure, verb forms, core spelling prefixes/ suffixes, core spelling sounds and advanced spellings.
<b>Reading Years 5-6</b>	Understanding vocabulary, inferring, summarising and identifying details, as well as practice tests.
<b>Science Years 3-6</b>	<p>Plants, animals including humans, living things &amp; their habitats, evolution &amp; inheritance, rocks, states of matter, properties and changes of materials, light, forces &amp; magnets, sound, electricity, space, working scientifically and maths skills for scientists.</p> <p><i>Note: this course includes micro-lessons on sexual reproduction as it is aligned to the English national curriculum.</i></p>

## Suitable for year 6 (ages 10-11)

Courses	This course covers
<b>Mathematics Year 6</b>	Number and place value, addition and subtraction, multiplication and division, timetables and division facts, mixed operations, fractions, fractions decimals and percentages, measurement, time, money, geometry, area, perimeter, volume, properties of shapes, position and direction, and statistics.
<b>Multiplication Tables</b>	Multiplication tables practice assessments from 2 - 12 times tables.
<b>Arithmetic</b>	Practice assessments in place value, addition, subtraction, multiplication, division, mixed operations, fractions, percentages.
<b>Spelling, Punctuation and Grammar Years 3-6</b>	Word classes, core punctuation, advanced punctuation, sentence structure, verb forms, core spelling prefixes/ suffixes, core spelling sounds and advanced spellings.

## Suitable for year 6 (ages 10-11)

Courses	This course covers
<b>Reading Years 5-6</b>	Understanding vocabulary, inferring, summarising and identifying details, as well as practice tests.
<b>Science Years 3-6</b>	<p>Plants, animals including humans, living things &amp; their habitats, evolution &amp; inheritance, rocks, states of matter, properties and changes of materials, light, forces &amp; magnets, sound, electricity, space, working scientifically and maths skills for scientists.</p> <p><i>Note: this course includes micro-lessons on sexual reproduction as it is aligned to the English national curriculum.</i></p>
<b>11+ English GL</b>	<p>Comprehension, grammar, punctuation, spelling and language devices.</p> <p><i>Note: This course will help prepare your child for 11+ English exam (GL).</i></p>
<b>11+ Mathematics</b>	<p>Number, algebra, geometry, measurement and statistics.</p> <p><i>Note: This course will help prepare your child for 11+ mathematics exam.</i></p>
<b>11+ Non-Verbal Reasoning</b>	<p>Similarities &amp; differences; pairs, series &amp; grids; codes; 2D shape reasoning and 3D shape reasoning.</p> <p><i>This course will help prepare your child for 11+ non-verbal reasoning exam.</i></p>
<b>11+ Verbal Reasoning</b>	<p>Making words, word meanings, mathematics, logic &amp; coding and core skills.</p> <p><i>This course will help prepare your child for 11+ verbal reasoning exam.</i></p>

## Suitable for years 7, 8 & 9 (ages 11-14)

Courses	This course covers
<b>Secondary Mathematics</b>	Calculator and non-calculator topics across number, algebra, geometry, probability and statistics.
<b>English Language</b>	Reading; introduction to language devices; writing - language devices; structure; writing skills; form and text types.
<b>English Language: Spelling, Punctuation and Grammar</b>	Punctuation; word classes; verb forms; sentences; writing styles; taught spellings and spelling tests.
<b>English Language Reading</b>	Comprehension practice assessments across fiction and non-fiction texts.
<b>Biology</b>	Fundamental life processes, movement, nutrition & digestion, circulation, gas exchange, reproduction, health, plants, species relationships & interdependencies, genetics & evolution.
<b>Chemistry</b>	Matter, atoms, elements & compounds, the periodic table, electronic structure & bonding, separating mixtures, chemical reactions, equations & relative formula mass, acids & bases, the reactivity series, rates of reaction, chemical energy, earth science, materials, and introduction to organic compounds.
<b>Physics</b>	Motion, forces, gravity, fluids, pressure, work, heat, electricity, static electricity, electronics, magnetism, sound, light, waves, energy, energy resources, and space physics.

## Suitable for years 10 & 11 (ages 15-16)

Subject	Courses	This course covers
<b>Mathematics</b>	<b>GCSE Foundation</b>	<p>Calculator and non-calculator topics across number, algebra, geometry, probability and statistics.</p>
	<b>GCSE Higher</b>	
	<b>IGCSE Edexcel</b>	
	<b>IGCSE Cambridge - Core</b>	
	<b>IGCSE Cambridge - Extended</b>	
	<b>Bridge to A-level</b>	

## Suitable for years 10 & 11 (ages 15-16)

Subject	Courses	This course covers
English Language	<b>GCSE</b>	A wide variety of language and structural techniques for both fiction and non-fiction extracts. It includes instructions on different purposes, forms and audiences as well as separate micro-lessons on exam skills (e.g. inference, evaluation etc).
	<b>GCSE AQA</b>	
	<b>GCSE Edexcel</b>	
	<b>GCSE Eduqas</b>	
	<b>Spelling, Punctuation and Grammar GCSE</b>	Punctuation; word classes; verb forms; sentences; writing styles; taught spellings and spelling tests.



## Suitable for years 10 & 11 (ages 15-16)

Subject	Courses	This course covers
	<b>Love &amp; Relationships Poetry GCSE AQA</b>	The poems: When We Two Parted, Love's Philosophy, Porphyria's Lover, Sonnet 29 - "I think of thee!", Neutral Tones, Letters from Yorkshire, The Farmer's Bride, Walking Away, Eden Rock, Follower, Mother, any distance, Before you were mine, Winter Swans, Climbing My Grandfather, Singh Song!
	<b>Power &amp; Conflict Poetry GCSE AQA</b>	The poems: Ozymandias, London, The Prelude, My Last Duchess, The Charge of the Light Brigade, Exposure, Storm on the Island, Bayonet Charge, Remains, Poppies, War Photographer, Tissue, The Emigree, Kamikaze, Checking Out Me History.
<b>English Literature</b>	<b>Power &amp; Conflict Poetry GCSE Edexcel</b>	The poems: A Poison Tree, The Destruction of Sennacherib, The Prelude, The Man He Killed, Cousin Kate, Charge of the Light Brigade, Exposure, Catrin, War Photographer, Belfast Confetti, The Class Game, No Problem, What Were They Like?, Half Caste and Poppies.
	<b>A Christmas Carol</b> by Charles Dickens	The plot and key events, characters, themes and context, language, structure and form.
	<b>An Inspector Calls</b> by J. B. Priestley	
	<b>The Strange Case of Dr Jekyll and Mr Hyde</b> by Robert Louis Stevenson	
	<b>Macbeth</b> by William Shakespeare	
	<b>Romeo and Juliet</b> by William Shakespeare	

## Suitable for years 10 & 11 (ages 15-16)

Subject	Courses	This course covers
Biology	<b>GCSE Higher</b>	Cell biology, cell metabolism, transport systems, non-communicable diseases, communicable diseases & medicine, photosynthesis & plant responses, reproduction, inheritance & genetics, evolution & gene technology, ecosystems, human nervous system, hormonal control, homeostasis, human effect on the environment, required practicals, working scientifically, and maths for scientists.
	<b>IGCSE Edexcel</b>	Cell biology, biological molecules, respiration, photosynthesis & plant responses, transport systems, circulatory system, transport systems in plants, digestion, non-communicable disease, communicable diseases & medicine, reproduction, inheritance & genetics, human nervous system, homeostasis, ecosystems and human effect on the environment, uses of biological resources, required practicals, working scientifically, and maths for scientists.
Physics	<b>GCSE Higher</b>	Forms & sources of energy, energy transfer, forces, motion, waves in matter, light & electromagnetic waves, electricity, particle model of matter, radioactivity, space physics, magnetism & electromagnetism, required practicals, working scientifically, and maths for scientists.
	<b>IGCSE Edexcel</b>	Movement & position, forces, electricity, waves in matter, light & electromagnetic waves, energy transfers, work & power, energy resources, particle model of matter, magnetism & electromagnetism, radioactivity and space physics, required practicals, working scientifically, and maths for scientists.

## Suitable for years 10 & 11 (ages 15-16)

Subject	Courses	This course covers
Chemistry	<b>GCSE Higher</b>	<p>Atomic structure &amp; periodic table, structure, bonding &amp; the properties of matter, chemical changes, energy changes, the rates of reactions, organic chemistry, chemical analysis, quantitative chemistry, chemical industries, earth &amp; atmosphere, required practicals, working scientifically, and maths for scientists.</p>
	<b>IGCSE Edexcel</b>	<p>Elements, mixtures &amp; compounds, atomic structure &amp; periodic table, chemical formulae, equations &amp; calculations, structure, bonding &amp; the properties of matter, gases in the atmosphere, groups 1, 7 &amp; the reactivity series, metals, acids, bases &amp; salts, chemical analysis, energy changes, the rates of reactions and organic chemistry, required practicals, working scientifically, and maths for scientists.</p>