CENTURY

International Curriculum Guide

English, Mathematics & Science from KS2 to KS4

Primary

Pages 3-7

Secondary

Pages 8-16

Primary Courses

Content Library

Select from thousands of resources to support your planning across KS2. All of our resources are created by CENTURY's experienced teachers and align to the English national curriculum from KS2 to KS4. You can also customise existing courses or upload your own content.

Primary English

Primary Reading - Years 5 & 6

Designed to help students prepare for the KS2 Reading Assessment. Includes topics on understanding vocabulary, language, inferring, summarising and identifying details as well as seventeen practice tests.

75 Nuggets

Primary SPaG - Year 3
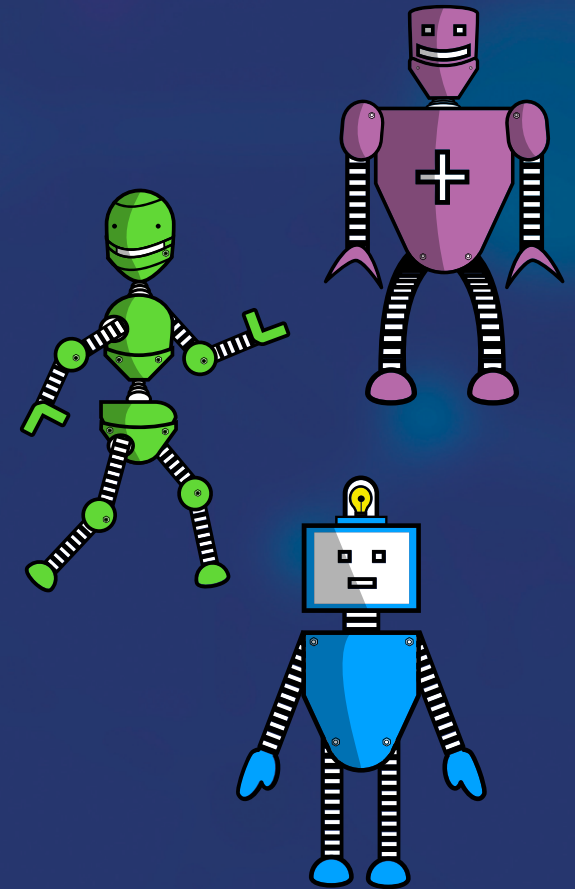
90 Nuggets

Primary SPaG - Year 4

95 Nuggets

Primary SPaG - Year 5

135 Nuggets

Primary SPaG - Year 6

145 Nuggets

Our SPaG courses cover the grammar and punctuation statutory requirements of the English national curriculum with associated spellings from the word lists. The courses also contain punctuation and grammar prerequisites from KS1 to support learning.

Match these words from the sentence below to their correct word class.

A curious penguin slipped on the ice.

slipped

Adjectives

An **adjective** adds meaning to a **noun**.
The **adjective** tells you more about the **noun**.

old   boat

Adjectives can appear before or after the **noun** in a sentence.

Adjectives can compare different **nouns**.

The **furry** monster is **kinder** than the **one-eyed** monster.

Adjective

Adverb   Conjunction   Pronoun

Primary Mathematics

Primary Mathematics -

Year 3 – 105 Nuggets

Year 4 – 150 Nuggets

Year 5 – 190 Nuggets

Year 6 – 260 Nuggets

Covers the English national curriculum for each specific year group in KS2. Student data moves with the student through the courses.

Primary Mathematics - Multiplication Tables

Designed to develop fluency and recall of multiplication tables. Includes each of the times tables, mixed tables tests and practice tests of increasing difficulty.

55 Nuggets

Primary Mathematics - Arithmetic

This course is designed for students to practise fluency and recall in number skills. Designed to help students prepare for the SATs arithmetic paper with practice papers.

70 Nuggets

Primary Science

Primary Science - Year 3
50 Nuggets

Primary Science - Year 4
50 Nuggets

Primary Science - Year 5+
60 Nuggets

### Primary Science - Year 6
70 Nuggets

Primary Science - KS2+

A course that includes all of the science content in KS2 according to the English national curriculum.

Covers topics on the following: plants, animals including humans, living things and their habitats, evolution and inheritance, rocks, states of matter, properties and changes of materials, light, forces and magnets, sound, electricity, space, working scientifically and maths skills for scientists.

125 Nuggets

Each course is aligned to the English national curriculum for each specific year group.

+ versions of a course include reproduction.

Which of the following statements describes pollination?
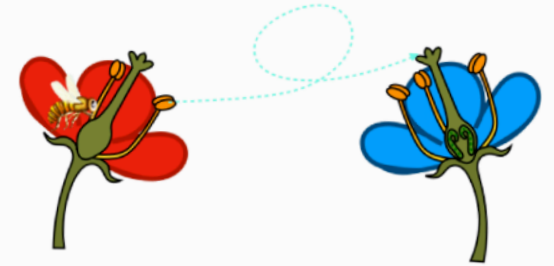
◯ The carrying of pollen from the **carpel** of one flower to the **anther** of another.

✖ The carrying of pollen from the **petal** of one flower to the **petal** of another.

◯ The carrying of pollen from the **sepal** of one flower to the **stamen** of another.

◯ The carrying of pollen from the **anther** of one flower to the **stigma** of another.

Incorrect
Petals do not produce pollen.

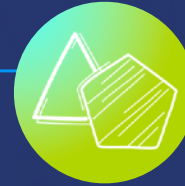Water
Minerals
Dead Plants
Dead Animals

Soil contains water and **minerals** needed to help plants grow.
Soil contains the remains of dead plants and animals.

What is soil made from?

Key Words
Soil
Minerals

11+

11+ Verbal & Non-Verbal Reasoning

This course is suitable for children preparing for 11+, common entrance exams, and CAT4 assessments. They can be used more generally as puzzles and critical thinking for any students who may benefit from an extra challenge outside of the curriculum.

Verbal Reasonings: 30 Nuggets

Non-Verbal Reasoning: 25 Nuggets

11+ Mathematics

This course helps students to prepare for their senior school entrance tests. Students have access to videos and practice questions as well as full mock assessments.

265 Nuggets

11+ English GL

This course helps students to prepare for their senior school entrance tests. It is particularly adapted to the requirements of the GL assessment. Students have access to videos and practice questions on a range of topics.

70 Nuggets

Secondary Courses

Content Library

Select from thousands of resources to support your planning across KS3 & KS4. All of our resources are created by CENTURY's experienced teachers and align to the English national curriculum from KS2 to KS4. You can also customise existing courses or upload your own content.

KS3 English

English Language - KS3 Reading

Contains over 30 fiction and non-fiction texts, followed by reading questions which assess skills such as comprehension, inference, and identifying and analysing language & structure devices.

40 Nuggets

English - Secondary Language

The Secondary Language course is aimed at KS3 students, laying the groundwork for skills needed at iGCSE. Covers a wide variety of language and structural techniques for both fiction and non-fiction extracts and various skills such as inference, analysis & evaluation.

115 Nuggets

English - Secondary SPaG

This course provides students with an opportunity to revise spelling, punctuation and grammar. Designed to be used by students independently, with the teacher setting nuggets as appropriate.

85 Nuggets

iGCSE English Language

Our range of iGCSE courses cover a wide variety of language and structural techniques for both fiction and non-fiction extracts. The courses includes nuggets on purpose, audience and form as well as nuggets that address exam- specific questions and offer exam practice.

English Language - iGCSE (Cambridge)

125 Nuggets – Cambridge: 0500

English Language - iGCSE (Edexcel B)

125 Nuggets – Edexcel: 4EB1

English - GCSE SPaG

A comprehensive course covering spelling, punctuation and grammar for both KS3 and KS4. Aligned to the English national curriculum for GCSE and suitable for teaching all exam boards.

60 Nuggets

GCSE English Literature – Texts

English Literature - A Christmas Carol

40 Nuggets

English Literature - An Inspector Calls

35 Nuggets

English Literature - Jekyll & Hyde

35 Nuggets

English Literature - Macbeth

65 Nuggets

English Literature - Romeo & Juliet

80 Nuggets

Our literature courses cover a selection of GCSE texts, focusing on plot, themes, context, key events, characters, language, structure and form. Suitable for all exam boards.

These courses could also be used for KS3 students reading these texts.

GCSE English Literature – Poetry

Unseen Poetry

Covers the key skills needed to explore, analyse and compare unseen poetry. Poems were specifically commissioned and created for this course to ensure that they are truly unseen.

Suitable for all exam boards.

25 Nuggets

Love & Relationships

Covers the 'Love & Relationships' cluster of poems for AQA GCSE English Literature.

The course provides an opportunity for students to explore the form, structure, language, themes and relevant context for each poem.

AQA: 8702 – QAN: 601/4447/6

50 Nuggets

Power & Conflict

These courses cover the AQA and Edexcel 'Power & Conflict' poetry anthologies.

The courses explore the form, structure, language, themes and relevant context for each poem.

AQA: 8702 – QAN: 601/4447/6

50 Nuggets

iGCSE Mathematics

Mathematics - IGCSE Edexcel - Foundation

Edexcel - Higher

Suitable for any student expected to sit either the Foundation or Higher IGCSE Edexcel paper. Designed to allow transfer between courses if necessary.

655 (F) 975 (H) Nuggets – Edexcel: 4MA1

Mathematics - IGCSE Cambridge - Core

Cambridge - Extended

Suitable for any students sitting the Core or Extended IGCSE Cambridge papers.

Core: 655 Nuggets – Cambridge: 0580

Extended: 985 Nuggets – Cambridge: 0980
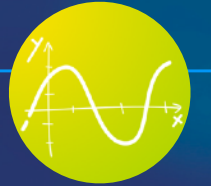
Mathematics - Bridge to A-Level

Suitable for students who are working at a level 7-9 and need to be challenged. Covers key basic content of A-Level maths course at GCSE level. Includes some content beyond the GCSE syllabus (e.g. differentiation).

445 Nuggets

KS3 Science

Biology - KS3

Topics covered: fundamental life processes, movement, nutrition & digestion, circulation, gas exchange, health, plants, species relationships & interdependencies, genetics and evolution.

Aligned to the English national curriculum.

95 Nuggets

Chemistry - KS3

Topics covered: matter, the periodic table, electronic structure & bonding, separating mixtures, chemical reactions, equations & relative formula mass, acids & bases, the reactivity series, rates of reaction, earth science, materials and organic compounds.

Aligned to the English national curriculum.

115 Nuggets

Physics - KS3

Topics covered: motion, forces, gravity, fluids, pressure, work, heat, electricity, static electricity, electronics, magnetism, sound, light, waves, energy, energy resources and space physics.

Aligned to the English national curriculum.

190 Nuggets

At each level of a food chain, some energy is lost. This is because organisms use energy to stay warm, move and reproduce.

Only about **10% of the energy** available at one level is transferred to the next!

Thistle → Moth → Damselfly → Spotted Flycatcher

Rocky is investigating the conditions required for an iron nail to rust. He sets up three conditions, seen below in the diagram.
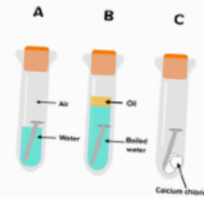
Give the letter of the condition A, B or C, that would produce an iron nail with rust?

A

Correct
Water and oxygen are the reactants needed for rusting to occur.

NEXT QUESTION

The Solar System

At the centre of our solar system is a star called the Sun. Our star is a yellow main sequence star. It is very young, about 4.6 billion years old, which is young when you consider the universe is 14 billion years old. It formed after a supernova, another star exploding, sent clouds of gas and dust out into the universe. These clouds were eventually pulled together by gravity to become our sun.

Orbiting our Sun are 8 planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

GCSE Separate Sciences

Biology - GCSE - Higher
Chemistry - GCSE - Higher
Physics - GCSE - Higher

These courses are mapped to the English national curriculum and are suitable for higher tier GCSE students. They can be adapted to make them exam board-specific.

295 Nuggets — Suitable for all exam boards.

Biology - IGCSE (Edexcel)
Chemistry - IGCSE (Edexcel)
Physics - IGCSE (Edexcel)

Alternative versions of our GCSE courses rearranged in the format of the Edexcel IGCSE with some supplementary nuggets covering the additional content.

325 Nuggets — Aligned to the IGCSE Edexcel 4BI1, 4CH1, 4PH1, 4HB1 and 4SD0 specifications.

Practicals - Science GCSE

This course contains the required practicals for AQA, Edexcel and OCR. Also includes nuggets on working scientifically and on relevant mathematics for scientists.

Students can practise their skills by exploring other investigations not specifically required for their exam. It can be adapted for your students or left unmodified.

100 Nuggets — Suitable for all exam boards.
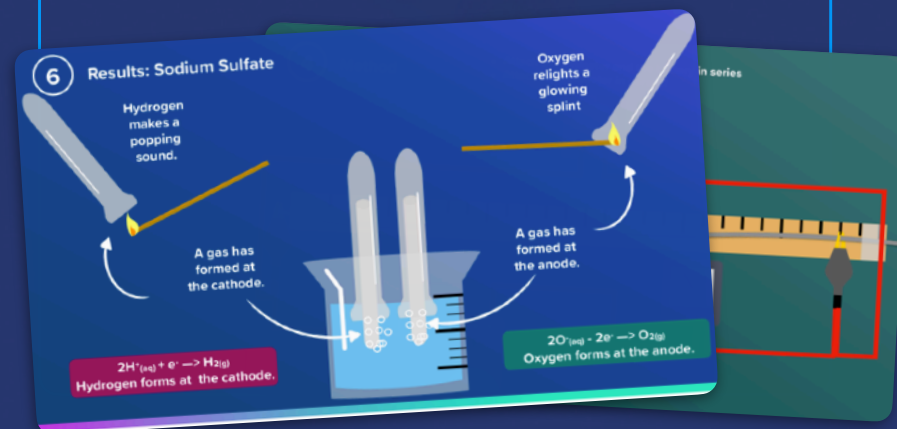
GCSE Combined Science*

Combined Science GCSE: AQA Trilogy (F) - Biology

Combined Science GCSE: AQA Trilogy (F) - Chemistry

Combined Science GCSE: AQA Trilogy (F) - Physics

GCSE Science nuggets designed to cover one topic or skill, which makes identifying gaps and targeting interventions even more precise than with previous courses. The required practicals are also included where they come in the specification.

For each topic, there are two sets of **topic review diagnostics** and there will be two sets of **paper review diagnostics** that can be used as assessment points or to help you plan revision sessions as the exams draw near.

*These courses are currently on rolling release.

All the content in the foundation courses will be included in the higher tier courses when they are available. This means students' data will be maintained if you decide to switch your students to these courses at a later date. Similarly, the combined sciences nuggets will be included in future new separate science courses.

450 Nuggets (will be ≈ 1000 when finished) – AQA: 8464 – QAN: 601/8758/X

info@century.tech

www.century.tech