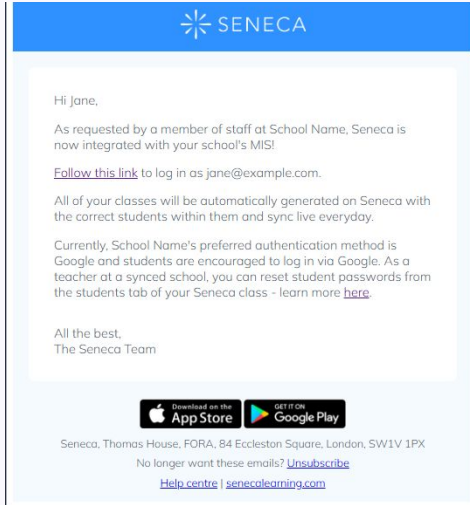


Improving outcomes with differentiated learning & cognitive science

How Schools Use Seneca

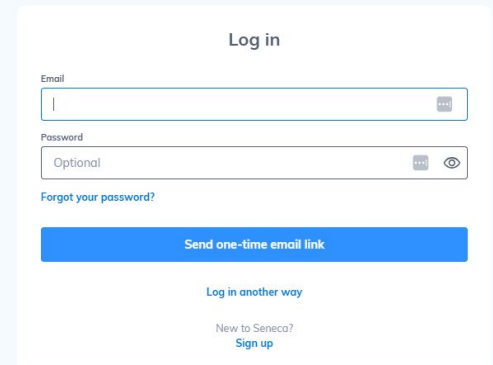
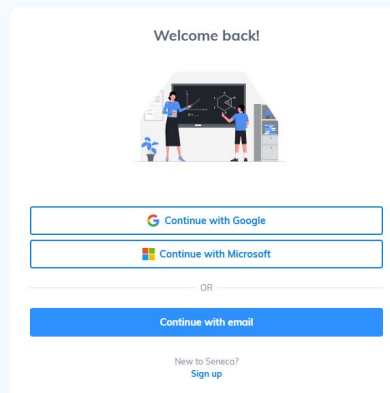
- Independent study and revision
- Setting assignments / homework
- Assessment and Benchmarking
- Spaced practice and tailored follow up
- In class study / cover lessons
- Assessing whole school data
- Diagnosing student misconceptions
- Flipped learning

Login



If it's your first time with Seneca, you'll receive an email with a **link to follow** and the **school email** to use for the login

- You can login either via **Google/Microsoft SSO** or your **school email**.
- If you have never logged into Seneca before it may ask for a password the 1st time
- The default password is: **Seneca_2025!**



Home page & Navigation Bar

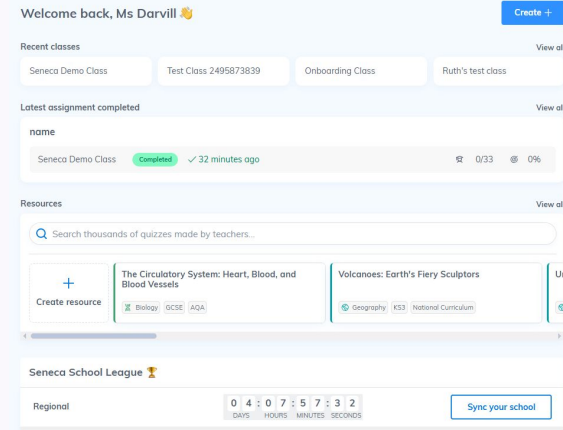
Homepage

After logging in, you can see: Recent classes, Latest assignment, Resources, School League

Navigation Bar

Use the navigation bar on the left to switch between: Home, Assignments, Classes, the School Management page, and the Parents page.

Scroll down to quickly access Insights, Resources, and your Classes.



Brentwood School

Home

Assignments

Classes

School Management

Parents

INSIGHTS

School Reports

Student Reports

Knowledge Gaps

RESOURCES

Resource Hub

CPD

Setting assignments / homework

Ask your students to complete certain topics before a due date using Seneca Assignments. Assignments are automatically marked and all data is shared with the teacher.

1 Select a class from your class list



Home

Assignments

Classes

School Management

Parents

INSIGHTS

School Reports

Student Reports

Knowledge Gaps

RESOURCES

Resource Hub

CPD

2 Select assignments



Assignments

42

[+ Add assignment](#)

3 Choose assignment type

Select type of assignment to set



Standard Seneca assignment
Set topic quizzes that adapt to students' abilities. Great for learning new concepts & recapping key content.



Quizzes
Assign quizzes created by you and teachers in your school, or saved from the resource hub.

**Exam Questions only**

Open ended, exam-style questions to improve students' exam technique.

Premium

**Vocabulary**

Learn the key terms from a subject glossary.

New

5 Name your assignment & choose start/due date

Add assignment details

Assignment name

Assignment Name

Classes

Seneca Demo Class

Students

All selected

Start date

26 / 11 / 2024

11:30

Due date

03 / 12 / 2024

11:45

4 Select the course and topics

Select course & choose your topics

Biology: AQA GCSE Foundation

Search for topics

All

Free

Premium

1 Cell Biology

☐

1.1 What's in Cells?

Set a year ago

☐

1.1.1 Types of Cells

Set a year ago

☐

1.1.2 Prokaryotic Cells

Set a year ago

☐

1.1.3 Standard Form

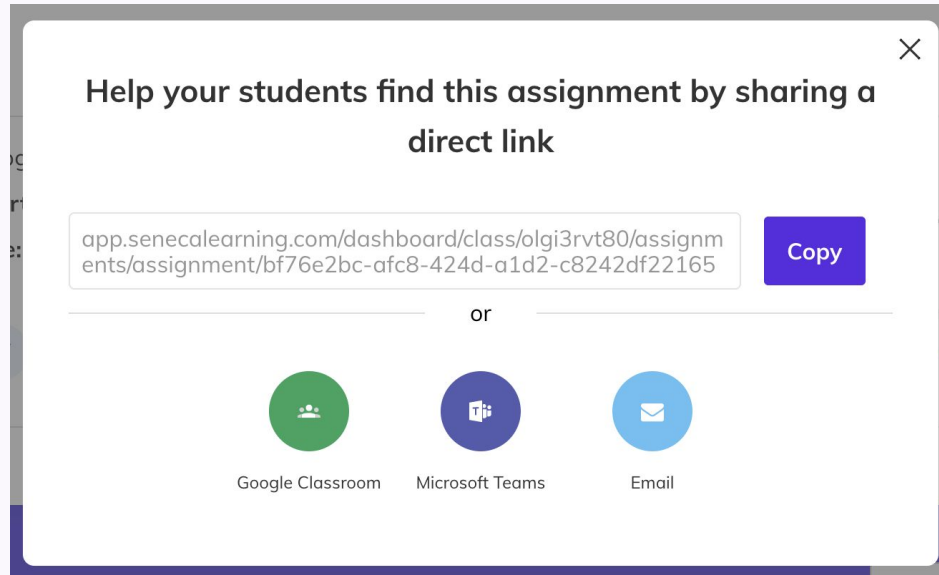
Set a year ago

6 Click 'Create' to add the assignment to your students accounts

Create

Integrated with both Google Classroom and Microsoft Teams

Share Seneca assignments directly to Google Classroom & Microsoft Teams.



Exam Question only assignments

Create AI marked exam-question-only assignments for your students.



Exam Questions only

Open ended, exam-style questions to improve students' exam technique.

Premium

Search through thousands of exam questions and pick up to 10 for your assignments

- ☐ Two species of bacterium are reproducing in ideal conditions. The round-shaped (cocci) [Preview](#) 5 marks
- ☐ Figure 4 shows a magnified chemical compound in the shape of a sphere. The diameter of the compound is 1.1 micrometres. [Preview](#) 5 marks
- ☐ Samples of human tissue were properly prepared so the cytoplasm could be analysed using an electron microscope. [Preview](#) 5 marks
- ☐ The unicellular organisms known as protozoa can be observed alive under light microscope. [Preview](#) 5 marks
- ☐ Each cell of the organism, for example, a squirrel, regardless of its function, has the same number of chromosomes. [Preview](#) 5 marks
- ☐ An animal cell and a plant cell were immersed in a hypotonic solution. Both cells received water. [Preview](#) 4 marks
- ☐ In order to culture non-pathogenic bacteria for a school project, students have: [Preview](#) 4 marks
- ☐ A group of 2 bacterial cells is left to grow for some time in a Petri dish. [Preview](#) 4 marks
- ☐ A certain bacterium is reproducing in ideal conditions. To be able to calculate how many cells there will be after 10 hours, a student needs to know the number of cells that reproduce every hour. [Preview](#) 4 marks
- ☐ A cell has a diameter of 0.18cm. An image of the cell viewed through the microscope has a diameter of 1.8cm. [Preview](#) 4 marks
- ☐ 6 cells are represented in the table showing the diameter of each cell. [Preview](#) 4 marks

Preview all exam questions before setting and see the mark schemes by clicking on the eye icon

Sengco Exam questions are auto-marked using AI, unless labelled otherwise. As the marking is not 100% accurate, students can flag questions.

Cho

1.1

A scientist is investigating the combined mass of a large number of cells. Each individual cell has a very small mass. The scientist wants to express the total mass of 500,000 cells using standard form.

Predict the mass of 500,000 cells in standard form.

1 mark

Type your answer here...

Words: 0/500

Mark scheme

5×10^5 kg (1)

Submit

Targeted learning with Knowledge Gaps

Quickly view & assign topics to students who have scored less than a particular score.

Set Knowledge Gaps assignments from your home page or within your classes

Choose the course and desired topic score, select topics and assign

The screenshot shows the 'Seneca Demo Class' interface with 25 subjects. The 'Knowledge gaps' tab is selected. The 'Best topic score' is set to '<80%' and the 'Course' is 'Biology: AQA GCSE Foundation'. A yellow banner indicates '32 topics with students at risk'. A table lists topics with checkboxes, student counts, and icons. The 'Knowledge Gaps' option is highlighted in the left sidebar.

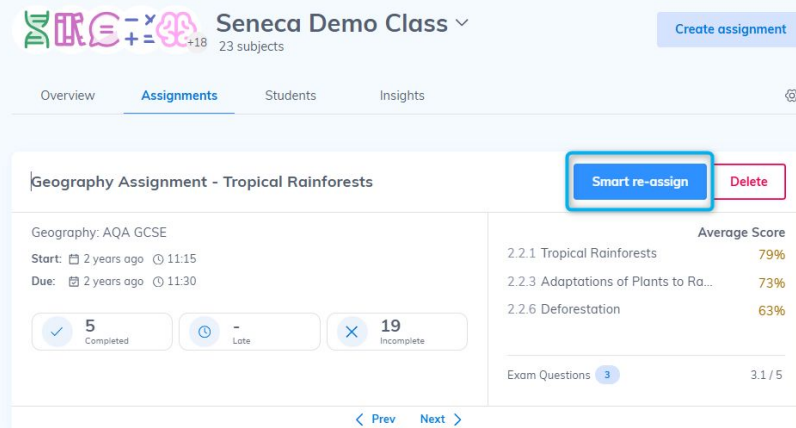
Topic	Students	Icon
☒ 1.1.1 Types of Cells	7 students	🔍
☒ 1.1.4 Standard Form	4 students	🔍
☒ 1.1.2 Prokaryotic Cells	3 students	🔍
☐ 1.1.10 Animal Cells	2 students	🔍
☐ 1.1.16 Nerve Cells	2 students	🔍
☐ 2.2.5 Digestive Enzymes	2 students	🔍
☐ 3.1.1 Pathogens	2 students	🔍

The screenshot shows the 'Knowledge gaps' configuration interface. The 'Best topic score' is set to '<80%' and the 'Course' is 'Business: AQA GCSE'. A yellow banner indicates '20 topics with students at risk'. A table lists topics with checkboxes, student counts, and icons. A purple box highlights the first four topics, and a purple arrow points to the 'Assign to 7 students' button.

Topic	Students	Icon
☒ 1.1.2 Customers, Consumers & Starting a Business	3 students	🔍
☒ 5.3.3 End of Topic Test - Marketing	3 students	🔍
☒ 1.1.1 Purposes of Businesses	2 students	🔍
☒ 1.3.1 Business Aims & Objectives	2 students	🔍
☐ 1.7.2 Internal Business Expansion	2 students	🔍
☐ 1.7.3 External Business Expansion	2 students	🔍

Spaced practice and tailored follow-up with Smart-Reassign

Smart re-assign allows you to re-set sections on an assignment that students struggled with the most. Each student will be re-set the sections that fulfil the conditions you specify.



Seneca Demo Class 23 subjects

Overview **Assignments** Students Insights

Geography Assignment - Tropical Rainforests

Geography: AQA GCSE

Start: 2 years ago 11:15

Due: 2 years ago 11:30

5 Completed 19 Incomplete

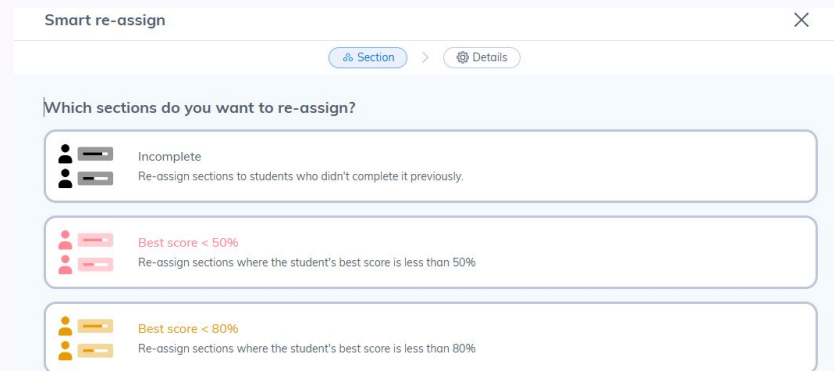
Smart re-assign Delete

	Average Score
2.2.1 Tropical Rainforests	79%
2.2.3 Adaptations of Plants to Ra...	73%
2.2.6 Deforestation	63%

Exam Questions 3 3.1 / 5

< Prev Next >

On any past assignment, click "Smart Reassign"



Smart re-assign

Section Details

Which sections do you want to re-assign?

- Incomplete**
Re-assign sections to students who didn't complete it previously.
- Best score < 50%**
Re-assign sections where the student's best score is less than 50%
- Best score < 80%**
Re-assign sections where the student's best score is less than 80%

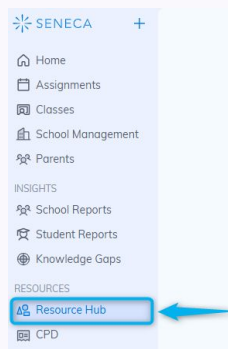


Select the criteria for re-setting sections:
sections incomplete, scoring <50% or <80%

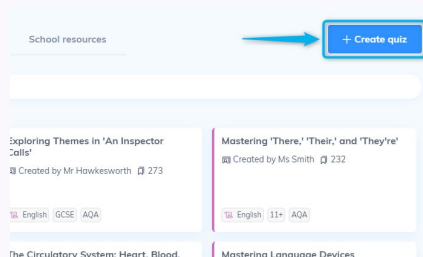
Create your own interactive content - Magic Quizzes

Use your own resources or other teachers resources to create auto marked assignments.
Completely editable and adaptable

1 Click on **Resource Hub**



2 Click **Create Quiz**



3 Set the details: Age group, Exam Board, Subject

Set details

Create a Seneca quiz from your own resources!
First, let us know who you're making this for...

Age Group

Select...

Exam Board

Select...

Subject

Select...

4 Upload your resources (pdf, docs, yt videos,etc)

Add your own resources to generate a quiz!

We'll use AI to generate a quiz you can set to your students!

Topic / Paste text	Upload file	YouTube link
Paste your learning content or type a quiz topic here 0 / 40,000 characters		

Do not enter any personal data. By using this site you agree to our [acceptable use policy](#).

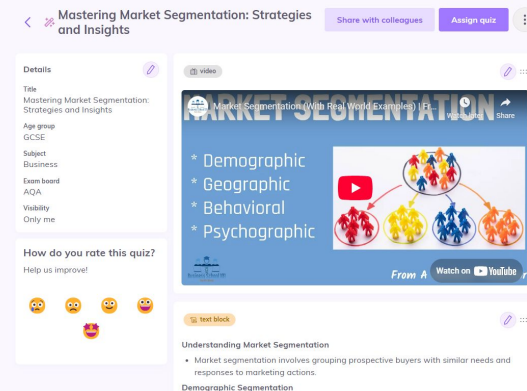
Back

Approx. questions

10

Generate

5 Edit anything you want to change & Assign



All Seneca data can be exported to a spreadsheet by clicking on the button 'Excel'.

Gradebook

Assignments

Independent

Excel

Subject

Date

All selected

Last 30 days

Student ^	Study time ^	Average score ^	Sections completed ^
Belham, Flavia	7min 45s	67%	5
P, R	-	-	-
P1, R	-	-	-
P2, R	-	-	-

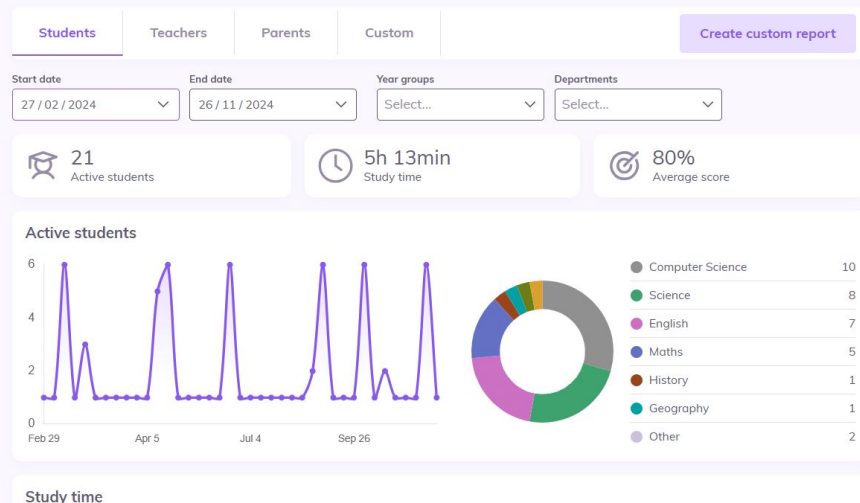
[illegible]

Insights - School Reports

See students, teachers and parents' usage of the Seneca platform

In app visual reporting.
Filter by date, year groups and departments.

Reports



Custom reports provide in-depth data regarding Seneca Premium usage in your school and can be generated on demand.

The screenshot shows a 'Generate custom report' dialog box. It has a title bar with a close button. The main heading is 'Generate custom report', followed by the instruction 'Select what type of report you want to generate'. There are two options: 'Class report' (selected with a radio button) and 'Whole school report' (unselected). The 'Class report' option includes the description 'Generate a breakdown of one or more of your classes.' The 'Whole school report' option includes the description 'Generate a complete report of every student, teacher and class.' and a 'Premium' tag. A 'Next' button is located at the bottom right.

Insights - Student Reports

View student insights with Student Report Cards

Select Student Reports on the side bar and select the classes you'd like to view

INSIGHTS

- School Reports
- Student Reports**
- Knowledge Gaps

RESOURCES

- Resource Hub
- CPD

← Student report cards

Select classes you would like to view reports for

Subjects: All selected X Q Date range: Last year v View reports

Class name ^	Students ^
☒ 10A/Mu1	12
☒ 10x/Ge1	11
☒ 10y/Ge1	10
☒ 11x/Mo3	8
☒ 11x/Sc1	6
☒ 11x/Mo4	7
☐ 11y/En2	3
☐ 11y/Pe2	8

View the students study data and edit the summary to add your own comments
Share directly with connected parents

Bond, Steve
Report 1 of 7

You last sent a report to Steve's parents 7M ago. No other teacher has sent a report more recently.

Currently, there are no associated parent emails, check again later. Send report

26 Nov 2023 - 26 Nov 2024
Mrs Ratcliffe
Maths

Summary

- Steve has completed 100% of their assignments.
- Steve's average scores have remained consistent across the 15 studied assign

Study time: 24min Avg score: 89% Assignments: 15

Performance over time

Average score

Strengths

Assignments included

- Key sequences
Due: 19th Nov 2024 Score: 100%
Maths
- Converting between units
Due: 17th Sep 2024 Score: 89%
Maths
- Types of triangles
Due: 13th May 2024 Score: 88%
Maths

Primals and Fractions: 81%

The Student Platform

Student Platform: Independent study and revision

Students can study independently on Seneca



My subjects

Manage

Spanish >
AQA A Level

Maths >
A Level

Religious Studies >
OCR A Level

English Language >
AQA A Level

English Literature >
A Level

Psychology >
A Level

Business: AQA GCSE Paper 1 - The Night Before
Premium

Combined Science Chemistry: AQA GCSE Higher

Independent access to whole courses

- 1 Cell Biology
- 2 Organisation
- 3 Infection & Response
- 4 Bioenergetics
- 5 Homeostasis & Response
- 6 Inheritance, Variation & Evolution
- 7 Ecology

Content delivered in slides with TTS options

Elements and Atoms

There are 118 different types of elements that humans have discovered and each one has its own chemical symbol. Atoms are the smallest pieces of an element that can exist. Examples of elements include:

Oxygen

- The chemical symbol for oxygen is O.

Continue

Testing and immediate feedback

An ____ is the smallest piece of an element that can exist.

Reveal answer

What elements do these symbols represent?

Oxygen	O
Cobalt	Co
Iron	Fe

Continue

The Student Platform
Homepage

Learning paths for independent study

Ask your students to work through their top 5 topics on Smart Learning Mode or Wrong Answers Mode.

Smart learning uses data and forgetting curves to improve learning outcomes. Each student has a individualised and data-driven learning path which resurfaces learning at exactly the right time for their development.

Wrong answers gives personalised recommendations based on students' prior learning. Our question-level analysis makes sure students focus on the topics and questions that will lead to the biggest gains in learning.

For you

Top 5 Wrong answers (2) Smart learning (2)

5.2.3 Synapses

Perfect timing
~37XP

5.2.1 The Nervous System

Perfect timing
~37XP

Top 5 Wrong answers (5) Smart learning

 Retry all your 21 wrong answers

21 wrong answers
~53XP

5.5.1 Types of Tropisms

11 wrong answers
~30XP

4.1.1 Photosynthesis

4 wrong answers
~30XP

7.2.3 Organism Abundance

3 wrong answers
~30XP

5.3.3 Blood Glucose

2 wrong answers
~30XP

1.1.4 Orders of Magnitude

1 wrong answer
~30XP