CENTURY Launch Lesson

🕐	5 mins
💻	1 per student
👩‍🏫	Medium
🤖	100%
✂️	Paper/books

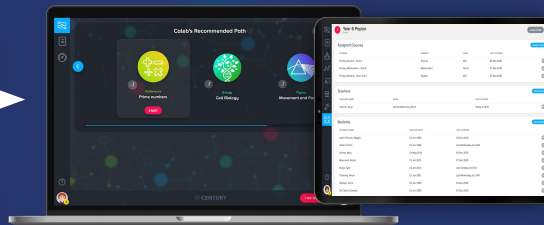## Preparation

Assigned at least one course to your class so that they have content in their Recommended Path.

If you want students to sit a different diagnostic to the one at the start of the course, use the Planner.
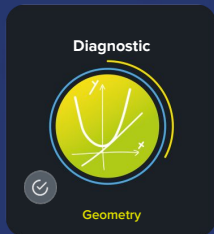
Lesson Plan

1. Introduction to CENTURY and Recommended Path. What is AI? Get students to log in through *app.century.tech*
2. **Diagnostic** - Encourage students to click *'I don't know'* rather than guessing answers. Students to complete diagnostic **independently.**
3. **Nuggets** - Show students how to switch between video, slideshow and questions. Talk through the choice between retrying a nugget verses moving on. **Reattempt** nugget if the score isn't green (less than 70%).
4. **Student dashboard -** Get students to check their scores.

Data

Go to **Nuggets** view in **Teacher Dashboard** to identify gaps in knowledge for the diagnostic. Go to **Markbook** view in **Teacher Dashboard** to see the students' completed nuggets and their scores.

🕐	Prep time needed	💻	Devices needed	👩‍🏫	Teacher input in lesson	🤖	Proportion of lesson on CENTURY	✂️ Other equipment needed

CENTURY for Flipped Learning

Science

Nugget: Making Salts [SP2.06]
Course: Practicals - Science GCSE

Lesson: Use insights from the **Nuggets** page to address misconceptions before students begin the making salts practical lesson.

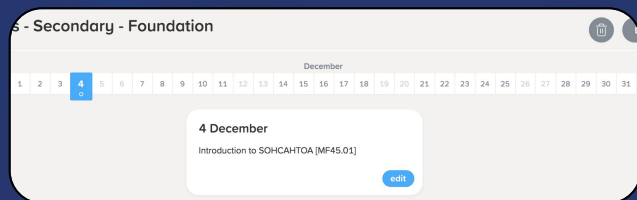This enables the practical to be completed in one session.

Use the Planner

Set **nugget**(s) for students to complete prior to the lesson.

s - Secondary - Foundation

December

1 2 3 **4** 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

4 December

Introduction to SOHCAHTOA [MF45.01]

edit

Use the Nuggets page

You can find this on the **Teacher Dashboard**.
Use it to review your students' work and plan the lesson.
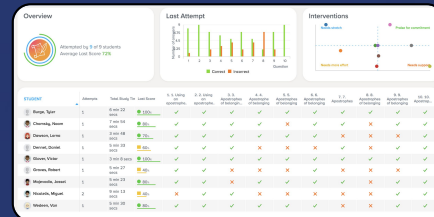
	Prep time needed		Devices needed		Teacher input in lesson		Proportion of lesson on CENTURY		Other equipment needed

CENTURY for Flipped Learning

Mathematics

Nugget: Introduction to SOHCAHTOA [MF45.01]
Course: Mathematics - Secondary - Foundation

Lesson: Discuss **misconceptions** about labelling triangles at the start of the lesson then use the lesson to model solving problems that involve SOHCAHTOA.
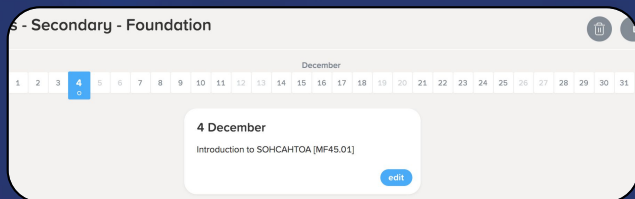
15 mins

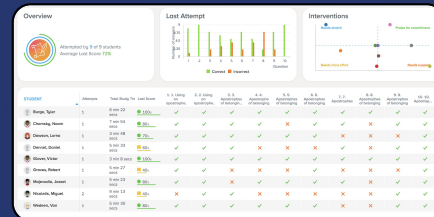1 per student

Medium

0%

Usual lesson resources

Use the Planner

Set **nugget**(s) for students to complete prior to the lesson.

Use the Nuggets page

You can find this on the **Teacher Dashboard**. Use it to review your students' work and plan the lesson.

| | Prep time needed | | Devices needed | | Teacher input in lesson | | Proportion of lesson on CENTURY | | Other equipment needed |

CENTURY for Flipped Learning

English Literature

Nugget: Act One Scene Five [RJ2.07] and Romeo and Juliet: Shared Language [RJ7.08]
Course: English Literature - Romeo and Juliet

Lesson: Give students an extract from Act One Scene Five. Students plan an essay or exam-style question based on the extract with a focus on the language used.
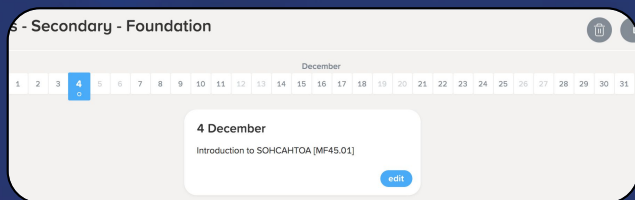
- 🕐 15 mins
- 💻 1 per student
- 👩‍🏫 Medium
- 🤖 0%
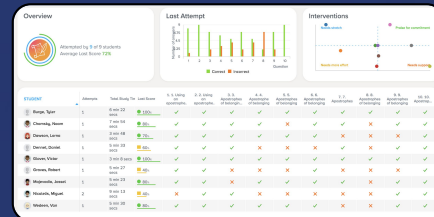- ✂️ Usual lesson resources

Use the Planner

Set **nugget**(s) for students to complete prior to the lesson.

Use the Nuggets page

You can find this on the **Teacher Dashboard**. Use it to review your students' work and plan the lesson.

| 🕐 Prep time needed | 💻 Devices needed | 👩‍🏫 Teacher input in lesson | 🤖 Proportion of lesson on CENTURY | ✂️ Other equipment needed |

CENTURY for Flipped Learning

Mathematics

Lesson Objective: To read Roman Numerals to 1,000.
Nugget to be set in advance: Roman Numerals (up to 100) [PM1.24]
Course: Primary - Mathematics - Year 5

To gauge students' **prior knowledge**, set a nugget through the **Planner** on *'Roman Numerals (up to 100)'* before your lesson.

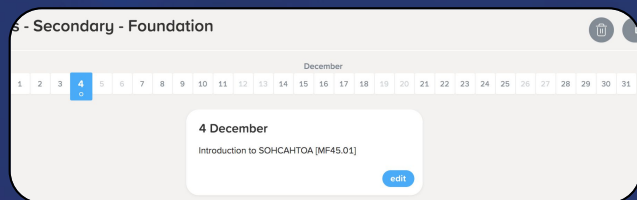Students can complete this nugget at home and you can use the insights from the **Nuggets** page to help you to tailor your lesson.

Use the Planner

Set **nugget**(s) for students to complete prior to the lesson.

Use the Nuggets page

You can find this on the **Teacher Dashboard**.
Use it to review your students' work and plan the lesson.
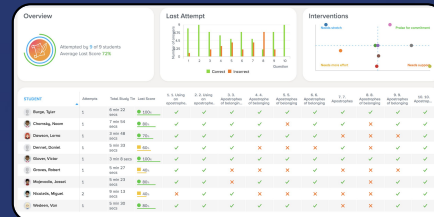
| 🕐 | Prep time needed | 💻 | Devices needed | 🧑‍🏫 | Teacher input in lesson | 🤖 | Proportion of lesson on CENTURY | ✂️ | Other equipment needed |

CENTURY for Flipped Learning

English

Nugget: AQA: Paper 1, Question 5 - Image [EN10.05]
Edexcel: Paper 1, Question 5 [EN12.06]
Eduqas: Component 1, Section B [EN13.07]
(or one of the form nuggets from FS course)
Course: English Language - FE (Exam board specific)

Lesson: Students to complete nugget at start of lesson and use this to help them to plan and answer the question/one of the questions from the nugget in timed conditions.

Use the Planner

Set **nugget**(s) for students to complete prior to the lesson.

Use the Nuggets page

You can find this on the **Teacher Dashboard**. Use it to review your students' work and plan the lesson.
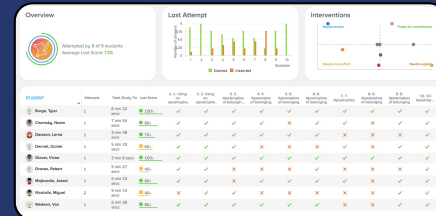
	Prep time needed		Devices needed		Teacher input in lesson		Proportion of lesson on CENTURY		Other equipment needed

CENTURY for Flipped Learning

Mathematics

Nugget: Reading a 12-Hour Clock 1: O'Clock and Half Past [MF37.01]
Reading a 12-hour Clock 2 [ME10.17]
Reading a 12-hour Clock 3 [ME10.18]
Course: Mathematics - Functional Skills - Level 2

Lesson: Students to complete nuggets for a lesson on converting time from 12 to 24 hour clocks (AM and PM).

Could use CENTURY as an assessment for learning in class, by asking student to complete a relevant nugget, e.g. Converting Time: AM and PM [ME10.19].

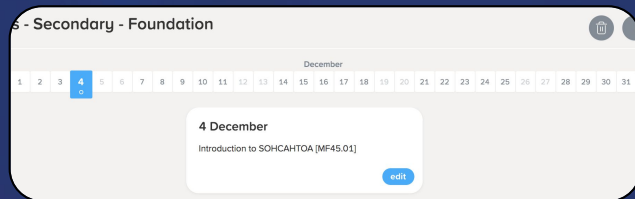|	
🕐	15 mins
💻	1 per student
🧑‍🏫	Medium
🤖	0%
✂️	Usual lesson resources

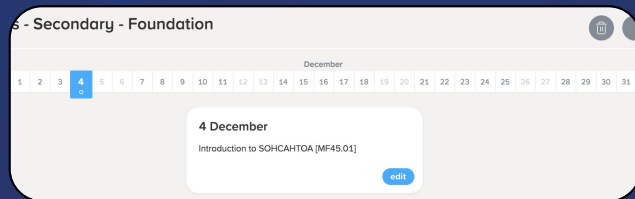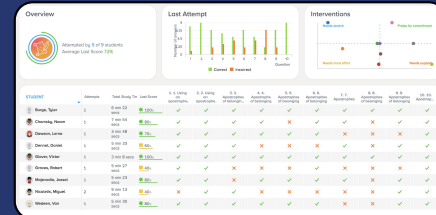## Use the Planner

Set **nugget**(s) for students to complete prior to the lesson.

Use the Nuggets page

You can find this on the **Teacher Dashboard**. Use it to review your students' work and plan the lesson.

🕐	Prep time needed	💻	Devices needed	🧑‍🏫 Teacher input in lesson	🤖 Proportion of lesson on CENTURY	✂️ Other equipment needed

CENTURY for Blended Learning

WHAT TO DO

Pre-lesson:
Set a nugget in the **Planner**. *This will be used for AfL during the lesson.*

In the lesson:
Teacher instruction
Model, demonstrate, explain. (Could use a CENTURY nugget)

Students complete CENTURY nugget
Teacher opens **Nuggets** Tab in **Teacher Dashboard**.
Address roadblocks and common misconceptions.

Optional Plenary:
Students to go into **My Courses** and redo **nugget**.
If they get 100%, allow students to continue on their Path.

Nuggets have alternative questions, so students can redo and not be asked the exact same questions again.

Set nugget in Planner → Teaching episode → AfL CENTURY → Teacher intervention → Redo CENTURY nugget or Recommended Pathway

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| 🕐 Prep time needed | 💻 Devices needed | 👩‍🏫 Teacher input in lesson | 🤖 Proportion of lesson on CENTURY | ✂️ Other equipment needed |

CENTURY for Revision

Group Work

Students work in small groups with one device per group. Using the **nugget** slideshows, students teach each other the material and make notes.

Students work through problems or exam questions, using CENTURY as their research resource.

- 🕐 5 mins
- 💻 1 per group
- 👩‍🏫 Low
- 🤖 100%
- ✂️ Usual lesson resources

Carousel

Students complete different revision activities in small groups, spending 15-20 minutes on each.

One of these activities is completing **nuggets** on CENTURY. Teacher might set **nuggets** to the students via the **Planner**.

- 🕐 5 mins
- 💻 1 per student
- 👩‍🏫 Low
- 🤖 25%
- ✂️ Exercise books

Independent

Students choose **nuggets** from their **Recommended Path** or **Courses** page.

Teacher monitors usage on their **Teacher Dashboard**, making interventions when necessary. Teacher might also set **nuggets** to the students via the **Planner**.

- 🕐 0 mins
- 💻 1 per student
- 👩‍🏫 Low
- 🤖 100%
- ✂️ Paper/books

| 🕐 Prep time needed | 💻 Devices needed | 👩‍🏫 Teacher input in lesson | 🤖 Proportion of lesson on CENTURY | ✂️ Other equipment needed |

CENTURY in Class

Carousel (Planner)

Students complete different activities in small groups. Teacher sets a **nugget** for a group activity.

In a Guided Reading lesson with different groups:
1. Reading independently
2. Completing Reading or SPaG nuggets on CENTURY
3. Teacher/TA led reading activity

🕐	5 mins
💻	1 per group
👩‍🏫	Low
🤖	25%
✂️	Exercise books

Carousel (Recommended Path)

Students choose **nuggets** from their **Recommended Path** or **Courses** page.

Teacher monitors usage on their **Teacher Dashboard**, making interventions when needed.

Teacher might also set **nuggets** to the students via the **Planner**.

🕐	0 mins
💻	1 per student
👩‍🏫	Low
🤖	100%
✂️	Exercise books

🕐	Prep time needed	💻	Devices needed	👩‍🏫	Teacher input in lesson	🤖	Proportion of lesson on CENTURY	✂️	Other equipment needed

CENTURY as a Teaching Aid

Teaching resource

Teacher accesses a **nugget** through the **My Courses** page, using the slideshow or video to illustrate the learning point. Students take notes in their books.

Teacher uses the assessment questions in the **nugget** as whole class questions or discussions and uses them to assess learning.

🕐 5 mins

💻 1 per student

👩‍🏫 Low

🤖 50%

✂️ Usual lesson resources

Extension

Students who complete a particular task offline can access CENTURY.

Teacher can set a **nugget** or the student could choose one from their **Recommended Path**. Student can also use their personal **Dashboard** to choose a **nugget**.

🕐 5 mins

💻 1 per student

👩‍🏫 Low

🤖 25%

✂️ Exercise books

Support

Students who are struggling with a particular activity can log in to CENTURY.

Students can select a **nugget** in the **My Courses** page to help them or a teacher/TA can assign a **nugget** to individual students using the **Assignment** feature.

🕐 0 mins

💻 1 per student

👩‍🏫 Low

🤖 100%

✂️ Paper/books

🕐	Prep time needed	💻	Devices needed	👩‍🏫	Teacher input in lesson	🤖	Proportion of lesson on CENTURY	✂️	Other equipment needed

CENTURY for Remote Learning
(Asynchronous - without live lessons)

Using Planner

Students complete a **diagnostic** and recommended **nuggets.** Teacher tracks data and uses Planner to push nuggets to learners to align with SoW. Students can also check their Student Dashboard.

- 🕐 5 mins
- 💻 1 per student
- 👩‍🏫 None, monitoring
- 🤖 100%
- ✂️ Exercise books

Independent Use

If students are completing the nuggets independently, the teacher can ask for copies of their notes to be uploaded to a task. In this way, teachers check that students are using the learning material effectively and keeping up the skill of handwriting and note-taking.

If using Google Classroom, students can write up notes in a doc.

- 🕐 5 mins
- 💻 1 per student
- 👩‍🏫 Setting task
- 🤖 100%
- ✂️ Exercise books

Feedback

When teacher identifies particular questions causing issues in **Nuggets** tab, they can record feedback through a task assignment, working through same style of question.

Teacher redirects students to nugget or attaches questions for students to work through. If students are completing a nugget, the teacher can timestamp the **Nuggets** tab.

- 🕐 15 mins
- 💻 1 per student
- 👩‍🏫 Setting and marking
- 🤖 100%
- ✂️ Exercise books

| 🕐 Prep time needed | 💻 Devices needed | 👩‍🏫 Teacher input in lesson | 🤖 Proportion of lesson on CENTURY | ✂️ Other equipment needed |

CENTURY for Remote Learning

(synchronous - live lessons)

Modelling

Teacher shares their screen and plays a CENTURY video (via **My Courses**), pausing the video to model where students should take notes.

Teacher uses CENTURY assessment questions for hands-down questioning or WAIT questioning using the Chat function.

Alternatively, students can then answer assessment questions in their accounts or from other resources provided by the teacher, such as exam questions or extended tasks.

🕐 5 mins selecting nugget

🤖 50%

✂️ Exercise books

Assessment for Learning

Teacher explains concept to class, then directs students to a nugget (using **Planner** or **My Courses**).

Teacher checks **Nuggets** tab and analyses data, then intervenes, perhaps presenting difficult questions to the class and using an online whiteboard to work through examples.

Teacher redirects students to a nugget in **My Courses** or sets a nugget through the Planner.

🕐 5 mins if using planner

🤖 50%

✂️ Exercise books

Drop ins

For older students, they can perhaps work on CENTURY independently, but there can be a specific time slot when the teacher will be online and students can drop in for support with nuggets they've completed.

Students can check their **Student Dashboard** for nuggets to help them to improve.

🕐 5 mins if using planner

🤖 75%

✂️ Exercise books

🕐	Prep time needed	💻	Devices needed	👩🏽‍🏫	Teacher input in lesson	🤖	Proportion of lesson on CENTURY	✂️	Other equipment needed