

The latest Green Tick evaluation summaries



OurFuture.Energy website

<https://ourfuture.energy>

OurFuture.Energy is an interactive website supporting the teaching of energy-themed topics within science, geography and career lessons. It has been developed by the Glasgow Science Centre in partnership with four energy industry stakeholders: OPITO, RenewableUK, UKOOG and NIA, which contributes to a representative and balanced website. Throughout, high quality and attractive photographs and videos are used to complement descriptive and explanatory text: a series of pages designed to engage teachers, and students aged 11-16, with scientific, technological and careers issues relating to the energy industry. However, it goes beyond providing information about our current energy industry by including insights into innovative technologies being developed or imagined. It also has a collection of resources relating to COP26 held in Glasgow in November 2021. The website is attractive and accessible for users and includes search facilities and filters to support teachers in identifying and selecting curriculum-related resources. As energy-related issues become more prominent in people's minds, this website provides a welcome source of information and inspiration for teachers and students.

There is a vast amount of curriculum-linked information to support teachers in planning lessons. The searchable nature of the resources and curriculum linkage makes planning classroom activities efficient and effective. It supports independent learning activities such as Flipped Learning, *Marketplace* and *Information Stations*, without the need for duplication of resource sheets. It also supports

student research for project work, revision and debate and is now enhanced by additional classroom support materials. The website goes beyond the 14-16 curriculum, but this is a great advantage for planning enrichment and extension activities. It is well laid-out for students and teachers and information is straightforward to locate. It is highly supportive of science teaching and learning across the four home nations, through curriculum links on each resource page.

OurFuture.Energy website is an engaging and informative resource that offers a great opportunity for teaching about energy resources.

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CENTURY Tech

<https://www.century.tech/>

CENTURY is an intelligent learning platform using artificial intelligence (AI) to tailor learning materials to the individual needs of each student. It comprises a series of micro-lessons, 'nuggets', aimed at 7-16 year-olds, for English, maths and science, although not all science authoring is complete at the time of this evaluation. This summary focuses on GCSE sciences.

A diagnostic nugget assesses understanding of topics through a series of multiple-choice, drag-and-drop or short typed-answer questions. The platform uses data from the assessment to determine which learning nuggets to assign and adds them to the student's learning path.

Learning nuggets comprise a short video and slideshow, each covering the same content that students choose from, followed by questions assessing understanding of that nugget. Learning nugget assessment provides students

with immediate feedback after each question. The platform gives students a percentage score and feedback statement.

There are CENTURY courses matching GCSE specifications for AQA Combined Science Trilogy biology, chemistry and physics, Edexcel IGCSE separate sciences and Edexcel IGCSE Double Award. Schools can customise content to suit other specifications by selecting or deselecting nuggets. Once all nuggets have been written, CENTURY will create courses for all specifications.

CENTURY offers schools a teaching, assessment and revision platform that allows different approaches with great functionality.

- Students can use the platform to revise GCSE content at any time.
- Our subject evaluators liked the sense that the authors are teaching for understanding rather than just ticking boxes. They found the nuggets to be well written and the feedback within some questions to be very good.
- Teachers can assign work to students, with a due date.
- Teachers can use nuggets alongside class teaching to reinforce and assess learning.

Pricing for a science-only subscription is based on school size. For example, a school of 750 pupils would cost £2000 per year, making it a significant investment. The platform offers a versatile and powerful learning and revision tool. CENTURY is an impressive platform, with a lot of potential for consolidating and accelerating student learning. It would certainly be very beneficial for students aged 14-16 to use CENTURY for home learning and revision.