

Resource Menu

Below is a selection of the resources we provide for the Cambridge Nationals Engineering qualifications...

Qualifications Calculator

An Excel based tool to help the teacher ensure that their learners achieve the required number of credits for their chosen qualification and meet the mandatory requirements. Teachers also have the option to generate a personal print-out for learner portfolios or other records.



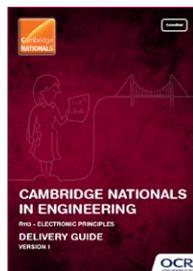
Progress Tracker

An Excel based tracking document to help the teacher monitor their learners' progress throughout the qualification both individually and as a cohort.



Delivery Guide

Each guide contains a range of lesson ideas with associated activities that teachers can use with their learners. The guide is structured by learning outcome so the teacher can see how each activity helps them cover the specification.



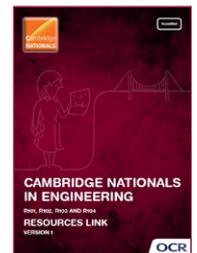
Maths, Science and ICT in Engineering

Maths, Science and ICT in Engineering can show you how GCSE Maths, GCSE Science and Cambridge Nationals in ICT units relate to Cambridge Nationals in Engineering units, indicating how themes for teaching, eg, force x distance.



Resources Link

An e-resource that provides teachers with links to a range of teaching and learning websites and materials, including videos, data sets and other online content to support the teacher with the delivery of their subject.



Project Approach to Delivery

The Project Approach to Delivery shows how by setting learners a project, they could achieve a number of units. Learners could improve their interest in engineering by studying through projects such as the F1 in Schools™ Technology Challenge, Siemens' Energy Recovery, Energy Transformation, Powering the Future and SMART Homes.



Skills Guide

Skills guides are not specific to a particular qualification, but cover topics that could support a range of qualifications, for example Communication, Legislation or Research Skills.



Unit Introduction Presentations

Short PowerPoint presentations introducing each unit. Each will look at the skills and knowledge that the learner will gain from the unit and give some content (like real life examples or questions) to introduce the learner to the unit's content.



Lesson Element

Task sheets with accompanying teacher instructions. Each offers the teacher a creative way of encouraging their learners to engage with the topic, with individual and group exercises, research activities and the opportunity to develop English and maths skills.



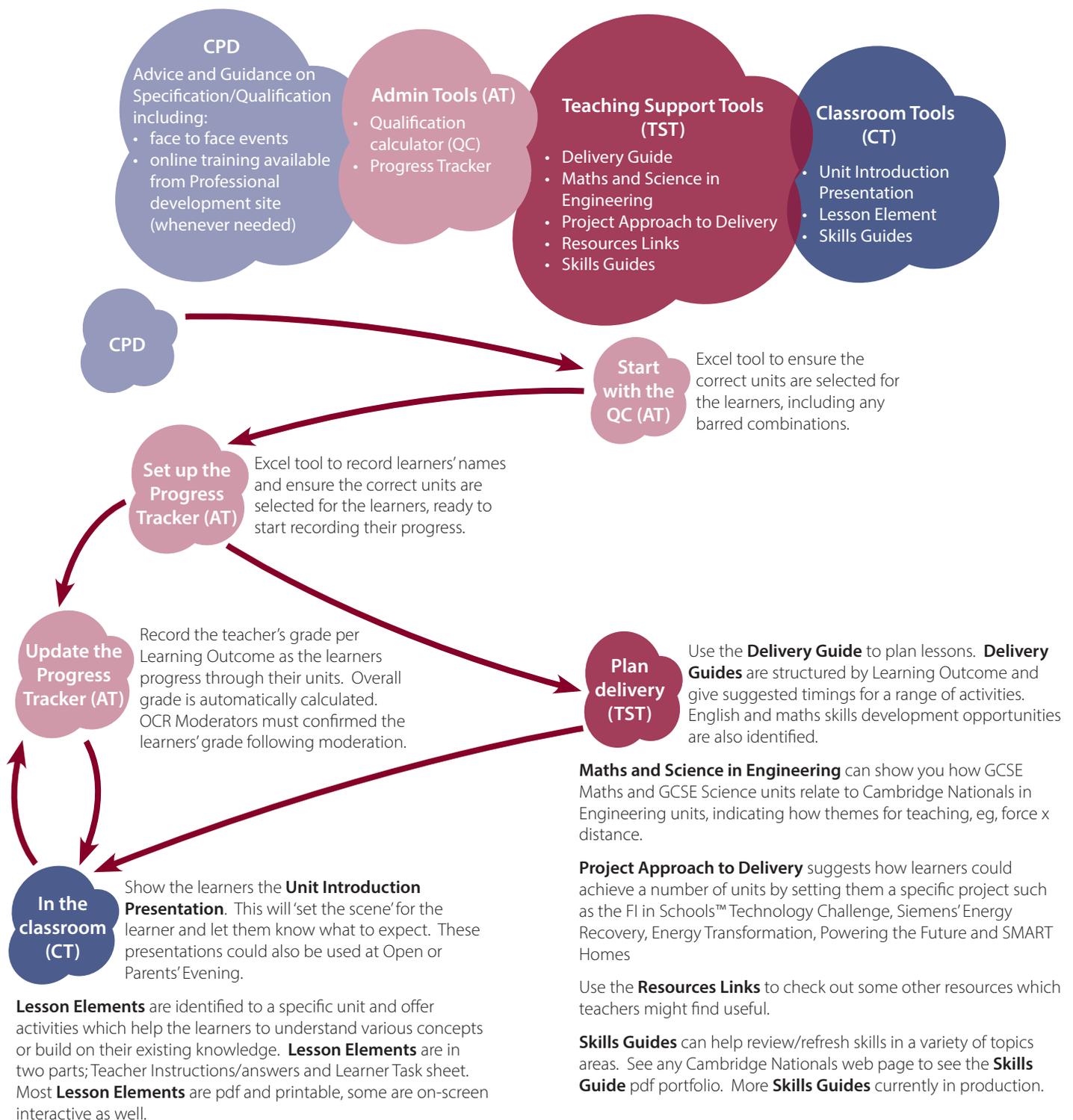
Further information:

To see examples of these resources for Cambridge Nationals go to: <http://www.ocr.org.uk/qualifications/by-type/cambridge-nationals/>

To see the Professional Development website, go to: <http://www.ocr.org.uk/i-want-to/find/professional-development/>

We'd like to hear your views about these resources, email to: ResourcesFeedback@ocr.org.uk

A quick guide to explain when and how the Cambridge Nationals Resources could be used



Skills Guides can help review/refresh skills in a variety of topics areas. See any Cambridge Nationals web page to see the **Skills Guide** pdf portfolio. More **Skills Guides** currently in production.

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