

Included on the 2024
KS4 Performance Tables

A Student and Parents guide to

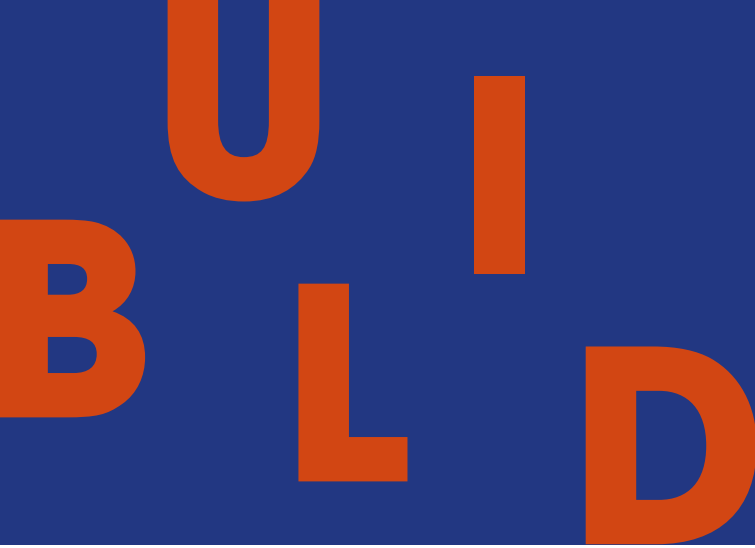
CAMBRIDGE NATIONALS

*Full time vocational
courses for 14-16 year olds*



ocr.org.uk/cambridgenationals





Building *brighter* futures

Cambridge Nationals at a *glance*

Cambridge Nationals are exciting, practical vocational qualifications that can help build your future.

They are Level 1/Level 2 qualifications designed for students aged 14-16 years and complement your GCSE choices.

Cambridge Nationals will inspire and help you develop real-world skills through practical learning and help you get ready for your next steps whether that's A Levels, apprenticeships or a Level 3 vocational qualification such as our Cambridge Technicals.



A range of subjects you can *choose* from:

- Child Development
- Creative iMedia
- Engineering Design
- Engineering Manufacture
- Engineering Programmable Systems
- Enterprise and Marketing
- Health and Social Care
- IT
- Sport Science
- Sport Studies

Features of a Cambridge National

- You'll start on the same course as your classmates, with your final mark determining which level you'll achieve; Level 1 or Level 2
- Non-exam assessment (coursework) of 60%.
- Final exam of 40%.
- The assessment process recognises your strengths. Good performance in some units will make up for weaker performance in others. There is no requirement to get a particular grade in the external assessments to pass overall.



Practical skills for *brighter* futures

Not only do Cambridge Nationals develop core subject knowledge they also help you gain practical skills that can be applied to real-life contexts and work situations.

These skills include:

- Analytical
- Creative thinking
- Digital presentation
- Leadership
- Planning
- Problem solving
- Research
- Team working
- Verbal Communication/Presentation

How do Cambridge Nationals Grades *compare* to GCSEs?

Grades for Cambridge Nationals and for GCSEs align at key points.

Level 1 covers GCSE grades 3–1 (or D–G) and Level 2 GCSE grades 9–4 (or A*–C).

- The bottom of a Level 1 Pass is aligned to GCSE grade 1
- The bottom of a Level 2 Pass is aligned to GCSE grade 4
- The bottom of a Level 2 Distinction is aligned to GCSE grade 7

	Cambridge Nationals	GCSE (9-1)	GCSE (A*–G)
Level 2	Distinction*	9	A*
	Distinction	8	
	Merit	7	A
	Pass	6	B
Level 1		5	
		4	C
	Distinction	3	D
	Merit	2	E
	Pass	1	F
			G

Publisher Support: Textbooks and revision guides will be available from leading publishers, including Cambridge University Press and Hodder Education.

ENTERPRISE AND MARKETING



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Cambridge National in **Enterprise and Marketing**

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Enterprise and Marketing



OCR Level 1 / Level 2

Cambridge National in Enterprise and Marketing encourages you to develop the skills and applied knowledge you'll need in the business and enterprise sector.

It's a vocational qualification, equivalent in value as a GCSE and contains both practical and theoretical elements.

As part of the Cambridge National, **you'll cover:**

- applying real life business techniques to understand your customers and develop a product
- how businesses attract and keep their customers
- researching and designing your own business proposal – complete with facts and figures
- how to research potential customers, present data and act on feedback
- preparing a business proposal and pitching your idea
- how to develop a brand identity and promote your product

Future opportunities

By developing applied knowledge and practical skills in setting up and running a successful business enterprise, this course will help give you the opportunity to progress on to A Level Business, a Cambridge Technical in Business, a T Level in Digital Business, or an apprenticeship before starting university or work.

Careers in Business could take you anywhere – from working in top city offices to launching your own business and being an entrepreneur.

Building futures through practical skills

You'll develop a range of skills which will help you succeed in other subjects too. These skills include:

- analytical skills
- creative thinking
- digital presentation skills
- research and planning
- problem solving
- verbal communication and presentation skills

No matter what you progress on to, the transferable skills you'll learn from Enterprise and Marketing will prepare you for your future. Developing the ability to communicate confidently will make you stand out from the crowd.

HEALTH AND SOCIAL CARE



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Cambridge National in

Health and Social Care

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Cambridge National in

Health and Social Care



OCR Level 1 / Level 2

Cambridge National in Health and Social Care introduces you to the specialist knowledge and skills needed to work in various care settings.

It's a vocational qualification, equivalent in value to a GCSE and contains both practical and theoretical elements.

As part of the Cambridge National, you'll cover:

- principles of care
- helping individuals find the support they need following life events
- planning and delivering creative and therapeutic activities
- health promotion and how to plan your own campaign

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Health and Social Care, an apprenticeship or university.

The careers that start from Health and Social Care are endless – Nurse, Midwife, Social Worker, Occupational Therapist, Paramedic and more.

Building futures through practical skills

You'll develop a range of skills which will help you succeed not only in the workplace but also in other subjects too. These skills include:

- effective verbal communication
- presentation skills
- creative thinking
- problem solving
- research and planning

No matter what you progress on to – the skills you'll learn from a Cambridge National will prepare you for the future.

CHILD DEVELOPMENT



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Cambridge National in **Child Development**

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Cambridge National in

Child Development



OCR Level 1 / Level 2

Cambridge National in Child Development will inspire and equip you with independence and confidence in using skills that are relevant to the childcare sector.

It's a vocational qualification, equivalent in value to a GCSE and contains both practical and theoretical elements.

As part of the Cambridge National, **you'll cover:**

- health and wellbeing for child development, creating conditions in which children can thrive
- creating safe environments for children
- the nutritional needs of children from birth to five years, plus investigating and choosing equipment
- the development of a child from one to five years, using observation and research techniques

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Health and Social Care, an apprenticeship or university.

Child Development could be the first step of a career as a Nursery Nurse, an Early Years Teacher, Family Support Worker, Nursery Manager, Children's Nurse, Social Worker and more.

Building futures through practical skills

Not only will you build your independence and confidence with this qualification, you'll develop a range of skills to help you succeed in the workplace and also in other subjects too. These skills include:

- effective verbal communication
- research
- planning

No matter what you progress on to – the transferable skills you'll learn from a Cambridge National will prepare you for the future.

SPORT SCIENCE



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Cambridge National in

Sport Science

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Sport Science



OCR Level 1 / Level 2

Cambridge National in Sport Science will encourage you to think for yourself about the scientific world of sport, while putting those theories and concepts into practice in both theoretical and practical sport situations.

As part of the Cambridge National, you'll cover:

- preparing for sports, reducing the risk of injuries
- fitness testing – planning and delivering your own fitness tests, and learning how that data can be used effectively
- how our bodies provide us with energy and the ability to move, and how exercise can help our bodies become stronger
- how nutrition and a healthy diet impacts performance in sport, creating nutrition plans

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Sport and Physical Activity, an apprenticeship or university.

Sport science has a wealth of opportunities. You could become anything from a personal trainer to a sport therapist or nutritionist at a premier league club.

Building futures through practical skills

You'll develop a range of skills to help you succeed not only in the workplace but in other subjects too. These skills include:

- analytical skills
- creative thinking
- research and planning
- problem solving
- verbal communication
- leadership
- team working

No matter what you progress on to – the skills you'll learn from a Cambridge National will prepare you for the future.

SPORT STUDIES



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Sport Studies

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Sport Studies



OCR Level 1 / Level 2

Cambridge National in Sport Studies will encourage you to think for yourself about the study of sport and the application to real life practical sport, leadership and evaluation of the skills required.

As part of the Cambridge National, **you'll cover:**

- how technology is used in sport
- how to develop as a team player and how to develop as a leader
- plan, deliver and evaluate your own sports activity session
- performing in front of an audience
- the connection between sport and media, and the different ways that sport is represented
- local and national outdoor activities, how to prepare and benefit from them

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Sport and Physical Activity, an apprenticeship or university.

Sport Studies careers could take a student anywhere – from coaching small groups to leading campaigns to get more people interested in sport.

Building futures through practical skills

You'll develop a range of skills to help you succeed not only in the workplace but in other subjects too. These skills include:

- analytical skills
- creative thinking
- leadership
- research and planning
- Team working
- Verbal communication and presentation skills

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IT



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Cambridge National in

IT

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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OCR Level 1 / Level 2

Cambridge National in IT will inspire and equip you with the confidence to use skills that are relevant to the IT sector.

It's a vocational qualification, equivalent in value to a GCSE and contains both practical and theoretical elements.

As part of the Cambridge National, **you'll cover:**

- the key principles and concepts when creating IT products
- creating complex spreadsheet solutions to meet requirements
- how augmented reality can be used to present information
- creating an augmented reality model prototype to be tested and reviewed

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Information Technologies, an apprenticeship or university.

Information Technology is constantly evolving, and new jobs are developing all the time – you could work for tech giants or create your own products. So much is possible.

Building futures through practical skills

You'll develop a range of skills to help you succeed not only in the workplace but in other subjects too. These skills include:

- analytical skills
- creative thinking
- digital presentation
- problem solving
- research and planning

No matter what you progress on to – the skills you'll learn from a Cambridge National will prepare you for the future.

CREATIVE iMEDIA



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Cambridge National in

Creative iMedia

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Cambridge National in

Creative iMedia



OCR Level 1 / Level 2

Cambridge National in Creative iMedia will inspire and equip you with the confidence to use skills that are relevant to the digital media sector and the wider industry.

It's a vocational qualification, equivalent in value to a GCSE and contains both practical and theoretical elements.

As part of the Cambridge National, **you'll cover:**

- how media products get their meaning across, create impact and appeal to people
- how to create original digital graphics for specific audiences
- designing and creating original characters and comics
- how to plan and create animations with audio
- creating, testing and making playable digital games

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Creative Media, an apprenticeship or university.

Creative iMedia could be first step of a career as a Games Developer, Comic Book Writer, Graphic Designer, and more.

Building futures through practical skills

You'll develop a range of skills to help you succeed not only in the workplace but in other subjects too. These skills include:

- Analytical skills
- Digital presentation skills
- Creative thinking
- Problem solving
- Research and planning

No matter what you progress on to – the skills you'll learn from a Cambridge National will prepare you for the future.

ENGINEERING MANUFACTURE



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Cambridge National in **Engineering Manufacture**

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Cambridge National in

Engineering Manufacture



OCR Level 1 / Level 2

Cambridge National in Engineering Manufacture will inspire and equip you with the confidence to use skills that are relevant to the engineering, manufacturing, process and control sectors.

It's a vocational qualification, equivalent in value to a GCSE and contains both practical and theoretical elements.

As part of the Cambridge National, **you'll cover:**

- the different types of manufacturing processes, the materials that can be used and what other factors need to be considered
- selecting and safely using equipment
- how to manufacture a one-off product using hand tools and manual machines
- how to manufacture in large quantities, using software computer-controlled machinery

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Engineering, an apprenticeship or university.

Manufacturing engineers can work in any industry that produces a final product, with opportunities in aerospace, automotive, biotechnology, clothing, food & drink, medicine – so much is possible!

Building futures through practical skills

You'll develop a range of skills to help you succeed not only in the workplace but in other subjects too. These skills include:

- **problem solving**
- **planning**

No matter what you progress on to – the skills you'll learn from a Cambridge National will prepare you for the future.

ENGINEERING DESIGN



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Cambridge National in

Engineering Design

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Cambridge National in

Engineering Design



OCR Level 1 / Level 2

Cambridge National in Engineering Design will inspire and equip you with the confidence to use skills that are relevant to the sector and the wider industry.

It's a vocational qualification, equivalent in value to a GCSE and contains both practical and theoretical elements.

As part of the Cambridge National, **you'll cover:**

- how designs are developed – including what information is needed and how manufacturing influences design
- communicating designs using sketches, drawings and computer aided design (CAD), producing accurate and detailed drawings and models
- how designers create and test models to make a working prototype
- making your own high-quality models to represent design ideas

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Engineering, an apprenticeship or university.

The sky's the limit with Engineering Design – what about becoming an Aerospace Engineer?

Building futures through practical skills

You'll develop a range of skills to help you succeed not only in the workplace but in other subjects too. These skills include:

- creative thinking
- analytical skills
- problem solving
- research and planning

No matter what you progress on to – the skills you'll learn from a Cambridge National will prepare you for the future.

ENGINEERING PROGRAMMABLE SYSTEMS



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Cambridge National in

Engineering Programmable Systems

A Cambridge National qualification is the equivalent to a GCSE and gives you the chance to put your learning into practice, develop skills and build your confidence.

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Engineering Programmable Systems



OCR Level 1 / Level 2

Cambridge National in Engineering Programmable Systems will inspire and equip you with the confidence to use skills that are relevant to the design, installation, maintenance and repair sectors.

It's a vocational qualification, equivalent in value to a GCSE and contains both practical and theoretical elements

As part of the Cambridge National, **you'll cover:**

- the key fundamentals of how electronic and programmable technologies work
- electronic circuit components, what different types of input and output devices do and how to program microcontrollers
- constructing and testing electronic circuits
- how to identify common faults in circuits that don't work as expected
- how to develop programmable systems to meet a design brief

Future opportunities

By developing applied knowledge and practical skills, this course will help give you the opportunity to progress on to A Levels, a Cambridge Technical in Engineering, an apprenticeship or university.

Programmable systems are used in many sectors, including building and industry, transportation, construction and power.

Building futures through practical skills

You'll develop a range of skills to help you succeed not only in the workplace but in other subjects too. These skills include:

- analytical skills
- problem solving
- research
- planning

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