Qualification awaiting accreditation

CAMBRIDGE OCR

Sample assessment material

Instructions for teachers

Cambridge OCR Level 2 Foundation Certificate in

Digital Systems and Data

J002

Unit R202: Developing programming solutions

Version 0.1 | November 2026

ocr.org.uk/foundationcertificates

Introduction

These are the instructions for teachers to accompany the sample Cambridge OCR-set assignment.

Summary of updates

Section	Change	Version	Date
N/A	First draft – Awaiting accreditation.	0.1	11th November 2026

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Sample assessment material

Instructions for teachers

Cambridge OCR Level 2 Foundation Certificate in Digital Systems and Data

Unit R202: Developing programming solutions

Scenario Title: Campus Quest digital application

These are the instructions for teachers to accompany the sample Cambridge OCR-set assignment.

For use by students beginning the qualification in <month> 20XX.

The Cambridge OCR-set assignment is valid for assessment from <month> 20XX to <month> 20XX.

The sample assignment **must not** be used for live assessment of students.

Sample

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Information and instructions for teachers

Using the Cambridge OCR-set assignment

The assignment for students for this unit will be available on Teach Cambridge from <month> 20XX. The dates for which the assignment may be used for assessment are on the front cover.

The assignment is available to support teacher preparation and planning.

We have estimated that this assignment will take about 10 hours of supervised time to complete.

You **must not** share the assignment with students before the live assessment sessions you have scheduled. Students are expected to complete several weeks of teaching and preparation before beginning the assessment and this should be focussed on the unit content, not the live assignment.

You must keep the assignment secure before assessment sessions begin. When planning, you must define the full period during which students will complete the assignment. Students must not have access to the assignment outside this period, unless they are completing a reattempt in accordance with the reattempt arrangements.

The assignment provides a scenario and set of related tasks.

- Task 1 will require students to: plan and design the programming solution required in the scenario.
  We estimate this task will take 3 hours to complete.

- Task 2 will require students to: use software development tools to write and integrate code to create the programming solution planned and designed in Task 1.
  We estimate this task will take 5 hours to complete.

- Task 3 will require students to: test the functionality of the programming solution created in Task 2 using the Task 1 test plan as a starting point.
  We estimate this task will take 2 hours to complete.

The assignment:

- Is written so that students have the opportunity to meet the requirements of all assessment criteria for the unit.
- Will tell students if their evidence must be in a specific format. If the task does not specify a format, students can choose the format to use.
- **Must** be completed under teacher supervision. Any unsupervised time allowed will be stated below and explained in the assessment guidance.
- Contains 1 synoptic mark. This is indicated with an (S).

Sample

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You **must**:

- Use a Cambridge OCR-set assignment for summative assessment of students.
- Familiarise yourself with the assessment criteria and assessment guidance for the tasks. These are given at the end of each student task. They are also with the unit content in **Section 3** of the Specification.
  Assessment guidance is only given where additional information is needed. There might not be assessment guidance for each criterion.
- Read and understand **all** the rules and guidance in **Section 5** of the Specification **before** your students start the set assignment.
- Make sure that your students complete the tasks and that you assess the tasks fully in line with the rules and guidance in **Section 5** of the Specification.
- Give your students the **Foundation Certification in Digital System and Data Student guide to NEA assignments before** they start the assignment.

You **must not**:

- Use live Cambridge OCR-set assignments for practice or formative assessment. This sample assessment material **can** be used for practice or formative assessment.
- Use this sample assessment material for live assessment of students.
- Allow group work for **any** task in this assignment.
- Change any part of the Cambridge OCR-set assignments or assessment criteria.

Sample

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Information for delivering tasks

Task	Requirements and resources
General	You do not need to disable internet access for any task in this assignment. Students **must** ensure any use of the internet or any other source is fully referenced in line with the guidance provided in the Specification.
Task 2	If students use any code libraries or reusable code it must be clearly referenced and comply with any licensing requirements. If students use any **AI-generated code** or **AI-assisted code** suggestions it must be **clearly referenced** and **comply** with any licensing requirements.

Sample

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