



General Certificate of Secondary Education
2025

Digital Technology

Controlled Assessment Tasks

Unit 3: Digital Authoring Practice

[GDG31]

VALID FROM 1 MAY 2024

Research for all tasks can be completed under **limited** supervision.

All other elements of the tasks must be completed under **informal** supervision (medium level of control).

You have a total of **36 hours** to complete the tasks:

18 hours on Multimedia solution

18 hours on Database solution

The total mark for this Unit 3 Controlled Assessment Task is **60**.

Candidates' work to be submitted **May 2025**

Controlled Assessment Tasks must comply with the Regulations as detailed in the Subject Specification.

NB: Some Controlled Assessment Tasks instructions may constitute more than 1 page.

Please check you have all the information you need to complete the task if printing from a computer.

Option A – Digital Authoring Practice:

Scenario: Lakeside Activity Centre

Bayside High School is planning a trip to “Lakeside Activity Centre”, Barcelona next March. The trip will be open to all pupils, from Year 11 to Year 14. The trip is being organised by Mrs Johnston.

Unit 3 Task

The school requires the development of the following:

1. A **professional multimedia solution** to provide information about Lakeside Activity Centre, providing **information** about the trip. The **target audience** will be parents of pupils going on the trip. The solution should include a **logo** designed for the activity centre and an original **animation** or **video**. All **media** should be appropriately optimised.

The solution should be **professional** in **appearance** and have a **consistent navigation** structure. It should also have some content that is **accessible** to people who are visually impaired, and it should include **scripted** and **interactive elements**.

Lakeside Activity Centre have asked that the solution contains **six pages** and **may** contain information about the following (pages can be renamed):

- Home/Index (overview of Lakeside)
- Activities (e.g. abseiling, kayaking, canoeing, rafting, sailing, surfing)
- Facilities (e.g. interactive map, restaurant facilities, disabled access, photographs)
- Frequently asked questions (interactive/multimedia based)
- Accommodation (e.g. families, groups, gift vouchers)
- Contact form

2. A **database** will be used to record **pupil, booking** and **activity** details.

Using the information in lakeside.xlsx, Lakeside Activity Centre has asked that you design a database which will allow staff to:

- a) Input pupil and booking data using forms and subforms (professional appearance);
- b) Store data in a way which **reduces data duplication**;
- c) **Validate data** using a variety of validation methods and controls;
- d) Develop a **wide range of complex queries (4/5)**, which will allow useful data to be extracted from the database on pupils, bookings and amount payable (no more than 2 parameter queries);
- e) Develop a **wide range of complex reports (4/5)**, (professional in appearance), to include **grouping, sorting** and **calculations**, which will support the day-to-day operation of the organisation. (**For example**, summary of bookings for activities, total cost of activities, activities which have been paid for, balance to pay for each pupil, pupils participating in activities.)
- f) Easily navigate the application and carry out repetitive tasks, using **macros**;
- g) Prevent **overbooking** of each activity.

All documentation should be saved as one PDF and a working solution submitted.