Welcome to our

Virtual Taster Session

Information Technology

WORCESTER SIXTH FORM COLLEGE

Structure of this morning's session:

- What's in the course?
- How is your work assessed?
- Common misconceptions
- Example task

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Information Technology

Level 3 BTEC

Certificate and Diploma

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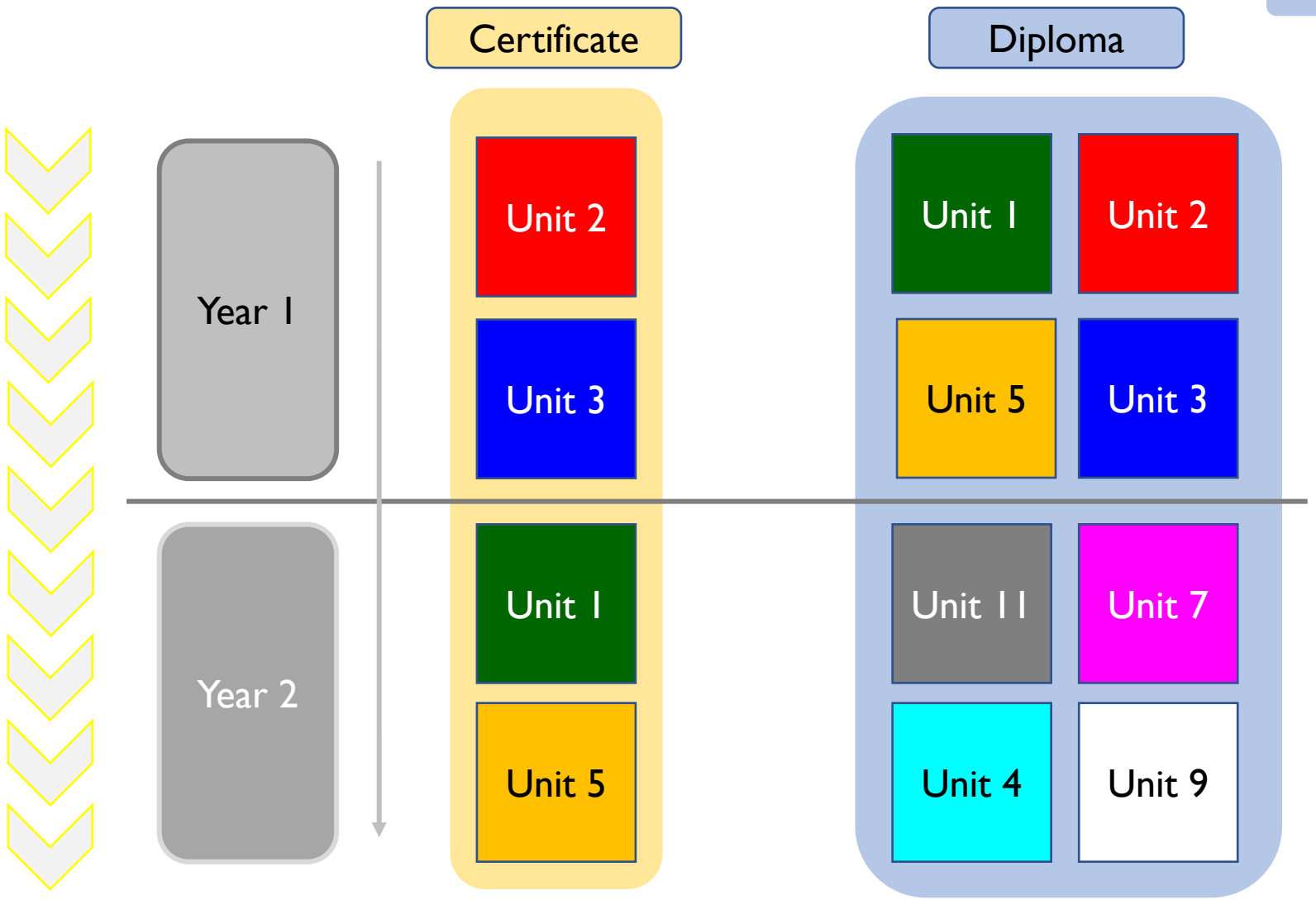
What's in the course?

- **Information Technology BTEC Level 3** is made up of **Units**
  - The **Certificate** has **four** units (and is equivalent to **one A Level**)
  - The **Diploma** has **eight** units (and is equivalent to **two A Levels**)
  - Both Certificate and Diploma students do these four units:
    - **Unit 1** : Information Technology Systems
    - **Unit 2** : Creating Systems to Manage Information (***Databases***, *specifically MS Access®)*
    - **Unit 3** : Using Social Media in Business
    - **Unit 5** : Data Modelling (***Spreadsheets***, *specifically MS Excel®)*
  - Diploma students, additionally, do these four units:
    - **Unit 11** : Cyber Security and Incident Management
    - **Unit 7** : Mobile Apps Development
    - **Unit 4** : Programming
    - **Unit 9** : IT Project Management

What's in the course? (contd.)



Certificate

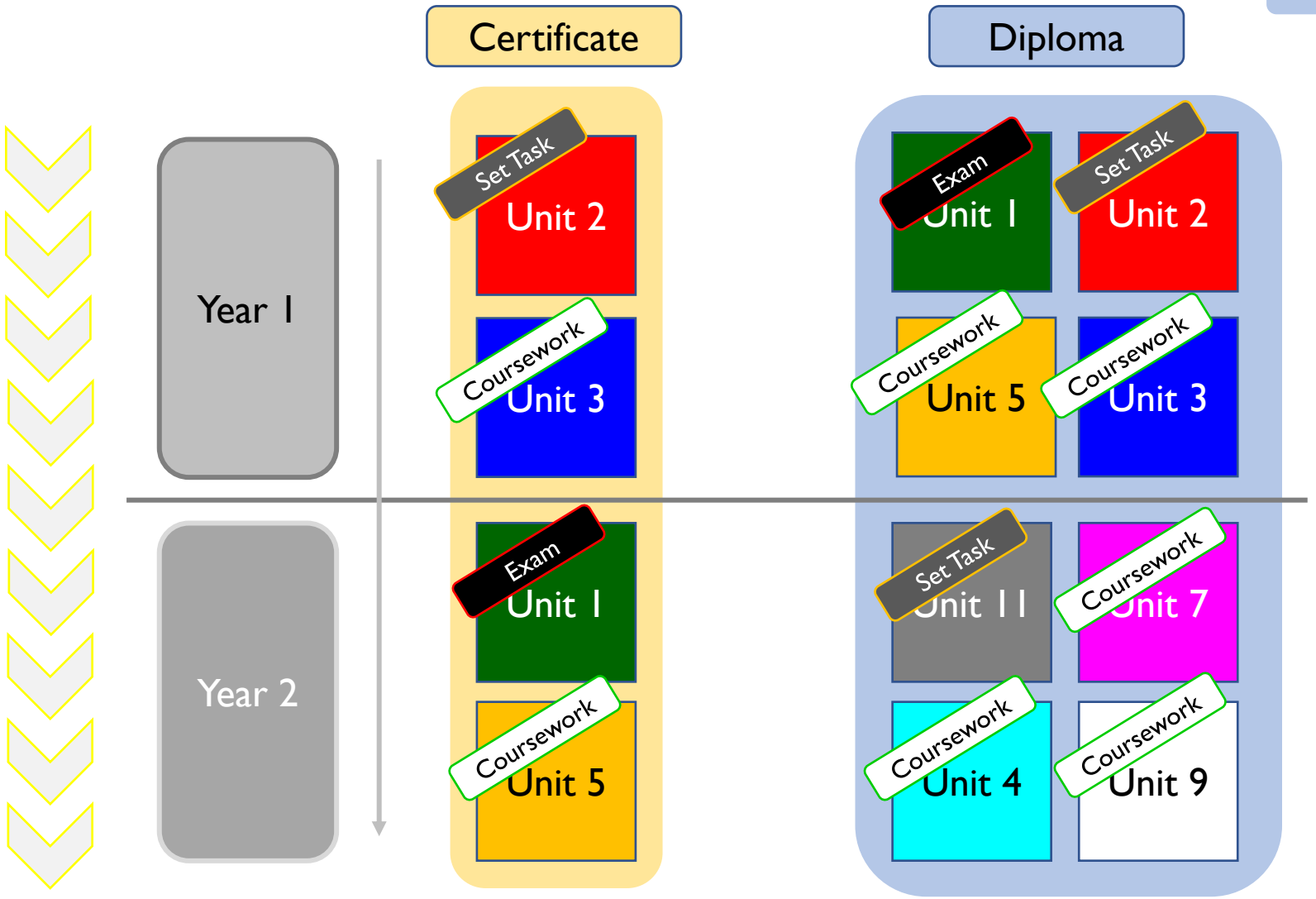
Diploma

1	Information Technology Systems
2	Creating Systems to Manage Information
3	Using Social Media in Business
5	Data Modelling
4	Programming
7	Mobile Apps Development
9	IT Project Management
11	Cyber Security

How is your work assessed?

- Assessed through coursework mainly
- EXAM
  - Unit 1 (Certificate & Diploma)
- SET TASK (Controlled assessment)
  - Unit 2 (Certificate & Diploma)
  - Unit 11 (Diploma)
- COURSEWORK
  - Unit 3 & Unit 5 (Certificate & Diploma)
  - Unit 4, Unit 7 & Unit 9 (Diploma)

How is your work assessed? (ctd.)



Certificate

Diploma

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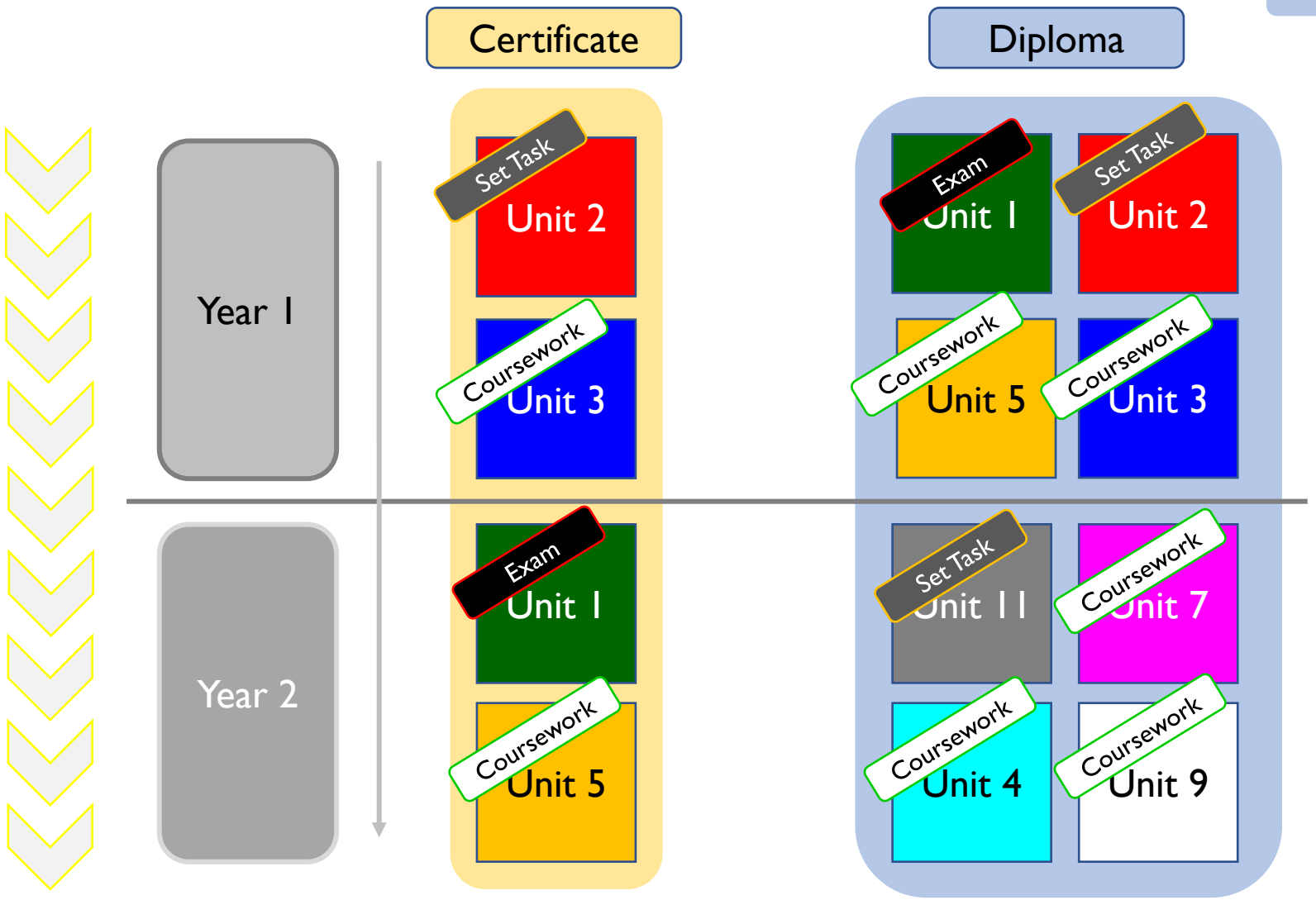


Certificate

Diploma

1	Information Technolo Systems	Exam
2	Creating Systems to Manage Informati	Set Task
3	Using Social Media in Business	Coursework
5	Data Modelling	Coursework
4	Programming	Coursework
7	Mobile Apps Development	Coursework
9	IT Project Management	Coursework
11	Cyber Security	Set Task

Unit 1 is assessed by **exam**

- written examination set and marked by Pearson (the exam board).
- two hours in length.

Certificate

Diploma

Unit 2 is assessed by a **set task**

- This unit is externally assessed through a task set and marked by Pearson.
- The set task will be completed under supervised, timed conditions.
  - Part A 3 hours,
  - Part B 2 hours
- The set task will assess learners' ability to design, create, test and evaluate a relational database system to manage information.

Certificate

Diploma

Unit 3 is assessed by **coursework**

- This unit is internally assessed through two assignments marked by your teacher.
- The first assignment:
  - Explore the impact of social media on the ways in which businesses promote their products and services.
- The second assignment:
  - Develop a plan to use social media in a business to meet requirements.
  - Implement the use of social media in a business

Certificate

Diploma

Unit 5 is assessed by **coursework**

- This unit is internally assessed through two assignments marked by your teacher.
- The first assignment:
  - Investigate data modelling and how it can be used in the decision-making process
- The second assignment:
  - Design a data model to meet client requirements
  - Develop a data model to meet client requirements

Certificate

Diploma

Unit 4 is assessed by **coursework**

Unit 7 is assessed by **coursework**

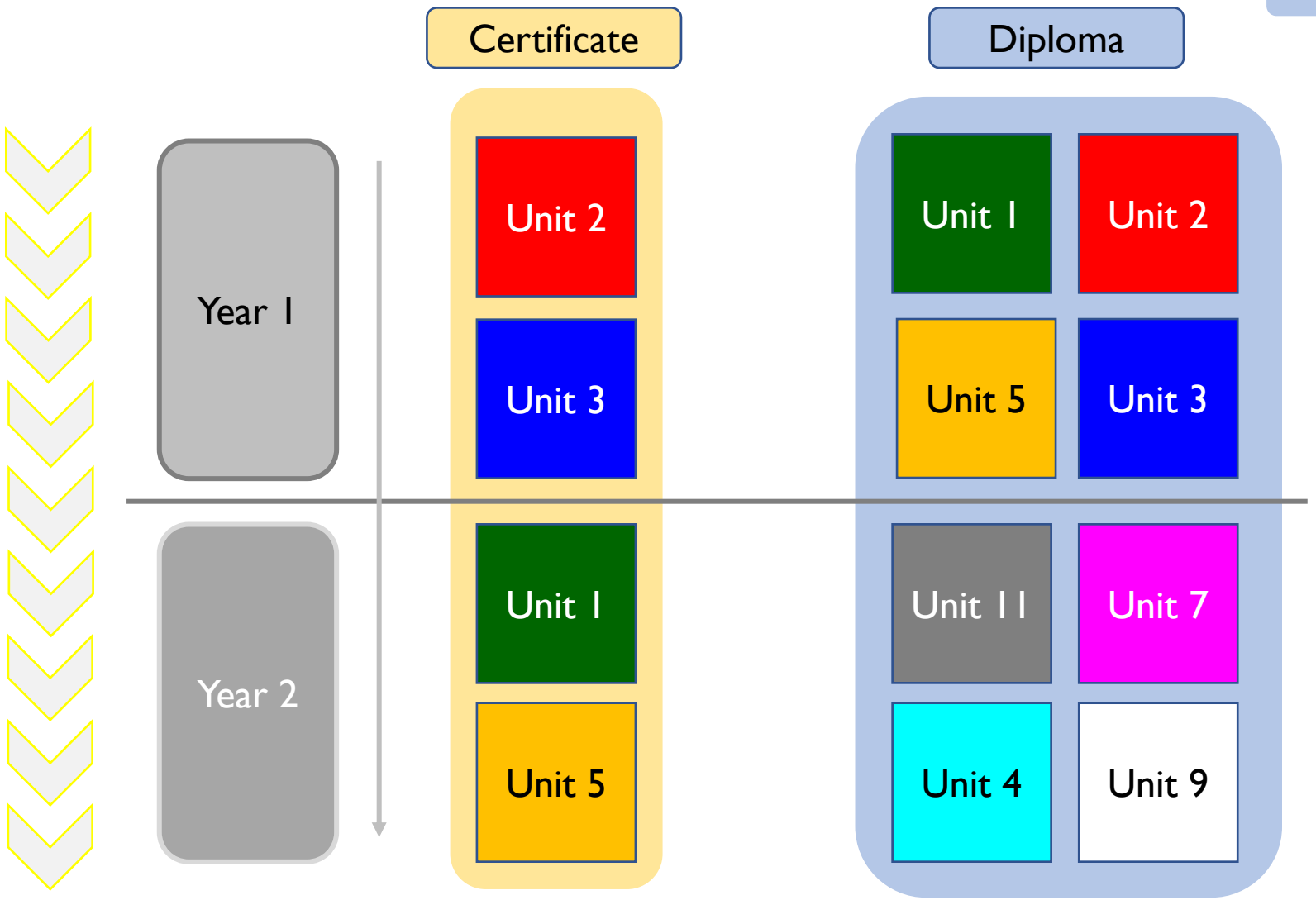
Unit 9 is assessed by **coursework**

Unit 11 is assessed by a **set task**

Common misconceptions

- ‘IT and Computer Science are the same’
  - BTEC IT is more about the use of technology and applications to carry out tasks whereas Computer Science looks more at how the applications are made and how they work. It’s similar to the difference between learning how to drive a car vs learning how to fix one.
- ‘IT is for boys’
  - Female students enjoy IT just as much (if not more!) as their male counterparts. Female IT specialists are very much in demand throughout the industry and there are lots of initiatives available to attract a more diverse range of candidates and perspectives.
- ‘It’s all coding’
  - The Certificate (single block option) doesn’t contain any programming: this is reserved for the more specialist Diploma programme or A Level Computer Science.

It's not all coding…



Certificate

Diploma

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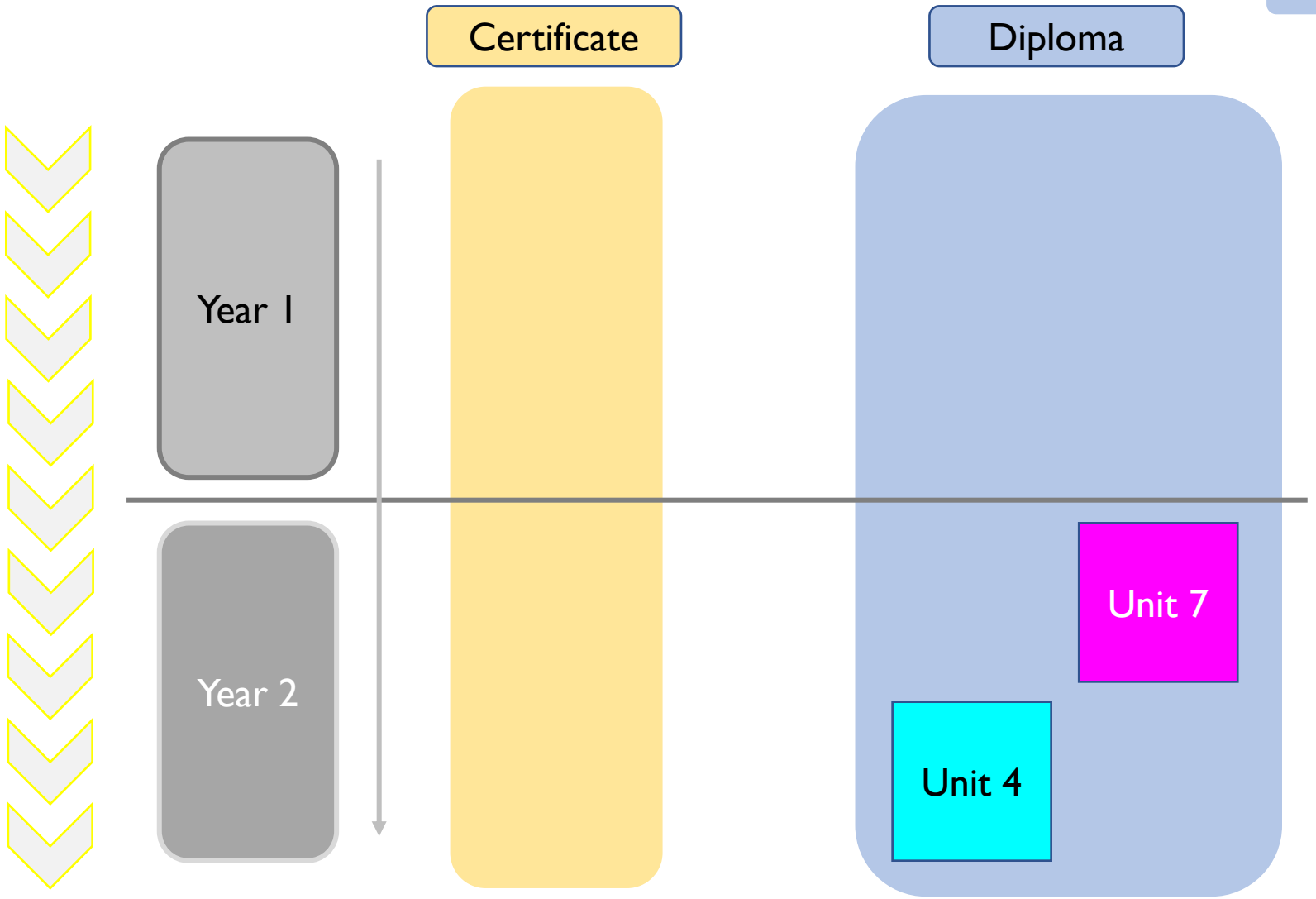
…only these two units!



Certificate

Diploma

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Summer preparation

- Please complete this bridging task before you start in September

Thanks and see you in September!