



Year 9 (2021)

IST Assessment Task Notification

Hardware ID Test

Date	Week 4B 9 IST Z: Period 4, Friday, 14 th May, 2021.
Weighting	15% of Year 9 IST Assessment
Task Details	The task description is provided overleaf. You will be required to sign a Task Notification Log to say that you have received and read this task notification and are aware of the task weighting, requirements and submission date.
Resources Required	<ul style="list-style-type: none">• Information and Software Technology Text Books (Pearson and Heinemann)• Class Theory and Practical Lessons/Demonstrations• Google Classroom Resources
Software Required	N/A
Marking Criteria	You will be required to: <ul style="list-style-type: none">• Identify different types of hardware (past, present and emerging)• Classify hardware as input, processing, output, storage or control• Distinguish between hardware and software
Absentee Procedures	If you are absent on the day this task is due, upon your return to school you must present a Doctor's Certificate to your class teacher or the Head Teacher explaining your absence, otherwise a mark of zero may be awarded. You will be required to submit/present your task on the first day you return to school.



Assessment Topics and Outcomes

The following table lists all the Stage 5 IST topics (Core and Option) and outcomes.

Topics and outcomes appearing in **bold** will be assessed in this task.

Core Topics

1. Design, Produce and Evaluate
2. Data Handling
- 3. Hardware**
4. Issues
- 5. Past, Current and Emerging Technologies**
6. People
7. Software

Option Topics

1. Artificial Intelligence, Simulation and Modelling
2. Authoring and Multimedia
3. Database Design
4. Digital Media
5. Internet and Website Development
6. Network Systems
7. Robotics and Automated Systems
8. Software Development and Programming

- 5.1.1 Selects and justifies the application of appropriate software programs to a range of tasks.
- 5.1.2 Selects, maintains and appropriately uses hardware for a range of tasks.**
- 5.2.1 Describes and applies problem-solving processes when creating solutions.
- 5.2.2 Designs, produces and evaluates appropriate solutions to a range of challenging problems.
- 5.2.3 Critically analyses decision-making processes in a range of information & software solutions.
- 5.3.1 Justifies responsible practices and ethical use of information and software technology.
- 5.3.2 Acquires and manipulates data and information in an ethical manner.
- 5.4.1 Analyses the effects of past, current and emerging information and software technologies on the individual and society.
- 5.5.1 Applies collaborative work practices to complete tasks.
- 5.5.2 Communicates ideas, processes and solutions to a targeted audience.
- 5.5.3 Describes and compares key roles and responsibilities of people in the field of information and software technology.

