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# YEAR 10 SUBJECTS

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## **D.I.Y.I.T. – Do It Yourself Information Technologies**

For the person who wants to tinker with technology, have we got a course for you!!! Imagine being able to take a technical issue from home, put it through an academically rigorous process and then implement the solution at home. This is what this course is offering you. Through direct instruction and research, you will learn the features and applications of a range of software tools. You will then be responsible for putting together your own projects and complete a working prototype at school that will be marked and assessed. This could be anything from working out how to set up a wireless network through to using the computer as a multimedia centre to DJ and entertain at your next birthday party. You will be required to put a portfolio together that describes the project, the learning that has happened, the hardware components, the software required and evaluate the efficiency and effectiveness of the solution.

Generic skills that are considered across all the subjects in the Digital Technology area include:

- Understand and apply the problem solving methodology
- Project Management – plan and monitor the progress of extended tasks
- File management and backup procedures
- Apply appropriate formats and conventions
- Understand social and ethical responsibilities as users of ICT

Subject specific skills are:

- You will learn a range of software functions and features
- You will investigate an IT issue and use creative thinking to generate possibilities
- You will explore and take risks in how to set up IT and make a new system that meets the project requirements
- You will analyse and present information and learning in a coherent and appropriate manner