





# KEPNOCK

STATE HIGH SCHOOL

learning • responsibility • respect

 Kepnock State High School  
 /kepnockstatehighschool

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## Digital Technologies (DIG) – YEAR 10

### Subject Outline:

This Information Technology course is for students to develop, not only their skills in the fast-paced ICT field, but also enhance their problem solving skills. This course enhances students' ICT knowledge and skills by responding to and providing solutions to everyday real problems utilising Information Communication Technologies' design cycle to produce the solution.

### Course Content:

Students will complete a variety of projects and design challenges throughout this course.

Topics covered/challenges include:

Year Course
<ul style="list-style-type: none"><li>• Dealing with a Product Launch<ul style="list-style-type: none"><li>- Game design and development</li></ul></li><li>• Using Tech in the Workforce<ul style="list-style-type: none"><li>- Infographic design</li></ul></li><li>• ICT: Today and Tomorrow<ul style="list-style-type: none"><li>- Haulage Robot Battle Royal</li></ul></li><li>• Internet World<ul style="list-style-type: none"><li>- Web presence, design and development</li></ul></li></ul>

### Assessment Outline:

Students will follow the Technology KLA; using the design, develop and evaluate cycle. Assessment will be 'student centered' problem solving or assignments where a product will need to be developed. Some assessment will be practical tasks.

### Learning Pathways:

Year 11/12 Subject	General/Applied/Other	Potential QCE Points	Recommended
ICT (Information Communication Technologies)	<b>Applied</b>	4	<b>C</b> in Year 10 English & Mathematics
DIS (Digital Solutions)	<b>General</b>	4	<b>C</b> in Year 10 English & Mathematics

### Career Pathways:

- Chief Information Officer
- ICT Manager
- System Analyst
- Hardware Engineer
- Security Specialist
- Project Manager
- Game Designer/Developer
- Information Systems Administrator
- System Administrator
- Technical Writer/Architect