# Program Overview 2016

**Subject/Course:** Information Technology  
**Year level:** 8

## Section 1 – Term Overview

<table>
<thead>
<tr>
<th>Week</th>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
<th>Term 4</th>
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</thead>
</table>
| **Content** | Revision and update Hardware platforms  
Formatting – Use of table of Contents  
Headers and Footers  
Research  
Data Presentation | Data Representation using Draw and Presentations  
Network components  
Speed of internet, What is NBN?  
Security of Data  
Kiosk Style Presentation | App Creation/Animation/Gimp Creation using detailed planning and research  
Website – analysis, design and creation | Programming Languages – what, how and why?  
Block programming courses  
Hour of Code extension  
Tynker problem solving game fixes |
| **Assessment** | Volcano research answers and presentation  
Documents set up with Headers and Footers | Data representation  
Research on Internet and network components  
Kiosk Style Presentation | Research  
Creation of Animation etc  
Website design | Hour of Code Course work  
Tynker problem solving activities |

## Section 2 – Weekly Sequence

<table>
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<th>Lesson</th>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
<th>Term 4</th>
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</table>
| 1 | Revision  
Hardware update  
Formatting – basic | Graphing and other data representation using Draw and Word | Creating an App; making money  
Planning – what do you need to do?  
Time Management and deadlines issues | Research into Programming Languages and their usage.  
What is “Go”? |
| 2 | A tale of Mice and other activities | Network components, Internet Speed, NBN  
Security of Data | Plan an animation – | Commence Course 3 Hour of Code |
| 3 | Research – Volcano Activity | Presentation of network design of the school | Create an animation | Commence Javascript course |
| 4 | Research – complete with documentation of results and decision | Kiosk style presentation – finding your way around the school | Website Design and Plan  
Website Creation | Continue Course 3 Hour of Code |
| 5 | Finding and Using Data | Kiosk presentation finished (extra Stykxx) | Website creation | Continue Javascript course |

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Tuesday, 12 January 2016  
CBurnett