YEAR 10 COMPUTING
- Unit Outline -

Course Description:
In this unit students learn a variety of skills geared to reaching an understanding of graphics and graphic manipulation. Good design principles and attention to design and layout are needed in order to produce industry standard documents.

Course Outcomes:
By the end of this unit you should be able to:
- Use specific software such as Paint Shop pro to create simple graphics.
- Use their own generated graphics to create an infographic poster.
- Increase your knowledge and speed on the keyboard.
- Understand basic network, file management and saving documents procedures.
- Use presentation software to present a story with careful use of design and layout.
- Use a Digital Cameras to enable the processing of digital photographs.

Course Organisation:
The organisation of the unit will be:
- Plan, design, produce and evaluate graphics to produce an industry standard infographic.

Course Timeline:

<table>
<thead>
<tr>
<th>Wk</th>
<th>Activity</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td><strong>Course Introduction</strong>&lt;br&gt;Overview of course of study unit and assessment requirements&lt;br&gt;File Management&lt;br&gt;Saving Revision / Introduction and Basic Paint Shop Pro Revision - Simple Calculations</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td><strong>Research</strong>&lt;br&gt;Conduct an investigation into graphics and infographics.</td>
<td>PowerPoint highlighting advantages and disadvantages of spreadsheet.</td>
</tr>
<tr>
<td>4-8</td>
<td><strong>Produce an infographic</strong>&lt;br&gt;Create an infographic using a combination of self made graphics and some borrowed from the internet</td>
<td>Completed infographic poster. Week 8</td>
</tr>
<tr>
<td>9-10</td>
<td>Revision of web sites – putting documents and images such as the completed infographic into web pages. Basic HTML code revision</td>
<td></td>
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</table>

Course Vocabulary:
- Layers
- Infographic
- Industry standard
- Format
- Compression
- Resolution
- Pixel
- Pixelisation

**YEAR 10 COMPUTING**
- Assessment Outline -

**Course Assessment:**

<table>
<thead>
<tr>
<th>Wk</th>
<th>Assessment type</th>
<th>Weighting</th>
<th>Marks achieved</th>
<th>Your Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>PowerPoint on images and infographics</td>
<td>Competency based</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Completed Infographic poster – Advantages and Disadvantages of spreadsheets</td>
<td>Competency based</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specific Equipment required for each lesson:**
- USB – highly recommended for saving data