WHAT’S IN THE BOX

Hardware & PowerPoint Presentation

PURPOSE: The Year 9 Information Software and Technology class has been approached to create a Power Point Presentation that deals with most of the hardware components found within a computer system. The class will help each other to complete their individual tasks which we call collaboration.

TASK 1: Hardware Research

- Students are to thoroughly research one Hardware device, to be given to you by your teacher. A list of components will be placed in a hat and each student will randomly pick one component from the hat. Student may work in pairs to produce each slide. The research should relate to “How it Works”. This refers to explaining how a piece of hardware functions e.g. how does a CD ROM work? The student will then find out some information on each component and will SUMMARISE that information onto the individual Power Point slides. (IT MUST SHOW EVIDENCE OF USING YOUR OWN WORDS) Each slide must have at least text and an image / diagram of the component. Other PowerPoint features may be added. You must acknowledge your sources of information in very small text on the slide.

- Each slide must be consistent in use of some elements eg. font size and style. Times New Roman or Arial font 20 for Headings 12 for text. Font colour should be black.

- As each slide is approved by the teacher, the slide will be added to the IST class’ PowerPoint Presentation.

TASK 2: Oral Presentation

- Upon completion of the big presentation, each student will give a short oral presentation / explanation of their individual slides as the big presentation is being run.

INFORMATION: Where to find it?

Information can be found using a number of sources. The schools library has many books and magazines on ‘How Things Work”. The Internet is a good source of information and the following web sites may prove to be useful www.howstuffworks.com, www.onlineschoolyard.com/ and the Intel Museum. Microsoft Encarta 2003 has many articles on this topic as does standard encyclopedias. If you have problems finding information on your topic, ask your teacher or visit the Library.

MARKING CRITERIA

<table>
<thead>
<tr>
<th>Researched Power Point Slide (One per Student)</th>
<th>Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Title</td>
<td>0-1</td>
</tr>
<tr>
<td>A clear explanation of “How it Works”</td>
<td>0-8</td>
</tr>
<tr>
<td>Effective use of diagrams and pictures</td>
<td>2</td>
</tr>
<tr>
<td>Consistency of slide design</td>
<td>2</td>
</tr>
<tr>
<td>Use of PowerPoint features (animation)</td>
<td>5</td>
</tr>
<tr>
<td>Bibliography</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oral Presentation</th>
<th>Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verbal explanation and level of understanding of the device using information on the slide.</td>
<td>0-5</td>
</tr>
<tr>
<td>Additional support material such as the hardware, pictures/diagrams etc. used to assist explanation during presentation.</td>
<td>0-5</td>
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<tr>
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<td>10</td>
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Total | 30   |