****Year 7

**Digital Technology: TOPIC GUIDE**

2016

1. **Binary**

* What is Data?
* What is information?

1. **Interactive Multimedia**

* Animation in PowerPoint
* Using Transitions
* Showing not Telling.

1. **Web Development**

* HTML
* Digital Data Types
* Digital Images – Raster / Vector
* Digital Sound

|  |  |  |
| --- | --- | --- |
| WEEK | TOPICS | ASSESSMENT |
| 1 | Binary Activity |  |
| 2 | Binary notes into a PowerPoint | **Progress**  Content /5  P’Point /5 |
| 3 | File Types & Data types |  |
| 4 | File Types & Data types into PowerPoint |  |
| 5 | Hardware/Software/Networks | **Progress**  Content /5  P’Point /5 |
| 6 | Hardware/Software/Networks into PowerPoint | **Progress**  Content /5  P’Point /5 |
| 7 | PowerPoint Completion | **Final**  Content /10  P’Point /10 |
| 8 | HTML: An Introduction to Web Development Notes |  |
| 9 | Web Development |  |
| 10 | Web Development | **Final**  CContent /10  WebSite /10 |
| ***Term 2*** | | |
| 1 | Review HTML – Images and Links |  |
| 2 | HTML Introduction Booklet |  |
| 3 | HTML Web Structure – Using Tables  Home – Data Types – Images - Sound | **Progress**  HTML /5 |
| 4 | Data Types: Sound, Images, Text and Numbers  Write up notes in Web Site | **Progress**  Data Types Notes /5 |
| 5 | Digital Images: Raster/Vector notes  Hexadecimal colours  Paint/Word Activity | **Progress**  Raster Vector notes /5 |
| 6 | Photoshop Activity | **Progress**  Photoshop /5 |
| 7 | Complete all Notes on Digital Images page of website |  |
| 8 | Digital Sound Notes & Activity in Audacity  Write up notes in Web Site | **Progress**  Sound Notes /5 |
|  |  |  |