**Year 7 Computing & ICT Assessment – Summer Term**

*Units: Save The Amazon, Micro:Bits*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Mastery | KS2 L5 | KS2 L4 | KS2 L3 |
| **Knowledge** | I can:   * Describe the key components of a digital image file including compression and colour depth * Analyse the importance of audience and purpose | I can:   * Understand how colour and monochrome images are stored in binary * Explain the importance of audience | I can:   * Understand how pixels are used to make up images * Identify the target audience of a presentation | I can:   * Identify a pixel * Understand what a target audience is |
| **Skills** | IT Skills:   * Use file and folder names to organise my work in a logical manner * Describe and use formatting tools to create a consistent house style   Media Skills:   * Provide detailed, annotated plans for each part of my work * Edit images in a professional and effective manner   Computing Skills:   * Make extensive use of analogue and digital inputs/outputs * Use logic to manage the control flow of computer programs | IT Skills:   * Use meaningful filenames * Use formatting tools to create consistent documents   Media Skills:   * Create different plans for different purposes * Use appropriate tools to remove backgrounds and merge images together   Computing Skills:   * Independently create sequences of instructions * Use selection and iteration | IT Skills:   * Save files in specific locations * Use some formatting tools * Move files to appropriate locations   Media Skills:   * Use a simple storyboard to plan a timeline * Use text and images that are appropriate for an audience   Computing Skills:   * Create sequences of instructions in a visual programming language | IT Skills:   * Open programs * Save my work * Create a comic * Add text and images to a document   Media Skills:   * Create an outline plan for a project * Add text and images to a document   Computing Skills:   * Follow instructions to create simple programs |
| **Application** | * Create a professional and effective comic that is wholly fit for purpose * Design and create efficient programs that solve complex, real-world problems | * Produce consistent and effective documents that suit their audience * Create a range of computer programs to solve problems of my own devising | * Produce a clear comic using text and images * Create products which are engaging and interesting * Solve a given problem by creating a computer program | * Produce documents using text and images * Produce documents that meet a brief * Create a simple program |