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

*Units: Save The Amazon, Micro:Bits*

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|  | 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
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| **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
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| **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
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