**ICT Skills and Knowledge Progressions for Year 6**

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|  | Objective | Topic covered in | Pupils Working Towards Expectations | Pupils Exceeding Expectations |
| **Using technology** | * To understand what computer networks do and how they provide multiple services eg; communication and world wide web * To recognise where it is best to use technology and where it adds little or no value * To increase confidence and independence when using a range of devices * To continue to increase typing speed |  |  |  |
| **Using the internet** | * To search for specific information efficiently ie; navigate a page * To evaluate the validity and appropriateness of information * To understand the benefits of using cloud computing (Google Apps) |  |  |  |
| **E-safety** | * To understand how to stay safe when using technology * To use technology respectfully * To understand the importance of keeping personal information private * To identify and assess risks and understand how to minimise risk |  |  |  |
| **Creating and publishing** | * To select, use, combine and evaluate software on a range of digital devices * To select, use and evaluate a range of technology for a specific project |  |  |  |
| **Computer Science (algorithms and programming)** | * Identify, explain and solve complex errors in a programme by breaking the problem down into smaller parts * Understand and explain that different solutions can solve the same problem by using logical reasoning * To explore ‘what if’ questions by planning different scenarios for controlled devices |  |  |  |