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| **Term : Advent 1: Technology around us**  **Subject Computers Year 1 Medium Term Planning** | | | | | | |
| **National Curriculum Objectives**  Recognise common uses of information technology beyond school  Use technology purposefully to create, organise, store, manipulate, and retrieve digital content  Health, well-being and lifestyle   * I can identify rules that help keep us safe and healthy in and beyond the home when using technology * I can give some simple examples * Copyright and ownership * I know that the work I create belongs to me * I can name my work so that others know it belongs to me | | | | | | |
|  | Lesson 1 | Lesson 2 | Lesson 3 | Lesson 4 | Lesson 5 | Lesson 6 |
| **Learning intention for each lesson:** | I know how to identify technology | I know how to identify a computer and its main parts.  (Disciplinary) | I know how to use mouse in different ways.  (Disciplinary) | I know how to use a keyboard to type on a computer.  (Disciplinary) | I know how to use a keyboard to edit text.  (Disciplinary) | I know rules for using technology responsibly.  (substantive) |
| **Recall and retrieval** | *.*What would you do if someone asked for your address when you are playing a game online? | Name 3 different types of technology used in school or at home. | Match the parts to the label. | .Identify a mouse and explain what it does- multiple choice | Identify a keyboard from a selection. | Show me how to correct a simple mistake on a text. |
| **Sequence of knowledge throughout the lesson**  **:** | **Key knowledge**   * I know that technology is something that helps us * Children will know what are examples of technology in the classroom * Children will know how these technology examples help us | **Key knowledge**   * Recap on the previous week’s learning - what is technology? What are some examples of technology? * Children will know the main parts of a computer * Children will know the vocabulary for keyboard, screen, mouse etc * Children will know how to turn on a computer * Children will know how to log into a computer * Children will know what a cursor is * Children will be able to use a mouse on a computer | **Key knowledge**   * Recap on the previous week’s learning - What are the key parts of a computer? * Children will know that some mouses have wires, some are wireless and some are on a trackpad. * Children will know how to double click using a mouse pad * Children will know how to click and drag an object on the screen * Children will be able to use a mouse to create an image | **Key knowledge**   * Recap on the previous week’s learning. What are the different types of mouses? * Children will know the purpose of a keyboard * Children will know that marks made by a keyboard is known as typing. * Children will know how to type their name on a computer using a capital letter * Children will know that their work can be saved * Children will know how to save their work * Children will know that any work they create on a computer belongs to them | **Key knowledge**   * Recap on the previous week’s learning - what is the process of using a keyboard known as? How do we save work? * Children will know how to open a file * Children will know how to edit a piece of text * Children will know how to delete text * Children will know how to use the arrow keys to move the cursor | **Key knowledge**   * Recap on the previous week’s learning - how do you open a file? * Children will know how to use computers outside of the home in a responsible way * Children will know why they have to use them responsibly * Children will know there are rules for using computers to keep themselves safe |
| **Scaffolding** | To verbally respond to the technology. | To name the main parts. | To be supported  to create a simple picture. | To write their first name. | To know how to use the delete key. | To say a way we keep safe online. |
| **Challenge** | To match the word to the technology. | * *HA children will be able to state what the part does.* | To create a more detailed picture. | To write their first and second name. | To know how to use a variety of editing keys. | To explain many of the rules and ways of staying safe on line. |
|  | **Key Vocabulary**  Technology | **Key Vocabulary**  Sequence, command, outcome, predict, program, blocks | **Key Vocabulary**  Computer, mouse, trackpad, double-click | **Key Vocabulary**  Computer, keyboard, mouse, typing | **Key Vocabulary**  Keyboard, computer | **Key Vocabulary**  Computer, technology |