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| **Subject** | **Autumn 1**  | **Autumn 2**  | **Spring 1**  | **Spring 2**  | **Summer 1**  | **Summer 2**  |
| **EYFS** | What is computing and what do we use?Turning electronic devices on and off.Interactive whiteboard programmesPush button toys – How these work and the impact of their actions.Walkie Talkies – using ICT as a way of communication.Ipad programmes e.g. paint and drawing programmes to complete programmes and experiment with controls. | Cameras – how these record a snapshot, how they turn on, how their actions complete a control, control of view.Videoing using I-pads – control of view, understanding how to start and stop their videos.Programming Beebots – effect of actions, problem solving.CD Player – turning on and off, volume control, CD music choice. | Consolidation and independence and accessing and using a range of computing equipment. |
| **1** | Using Ipads to enhance the curriculum through Reading Eggs/MathleticsProgramming beebots using symbol cards BeeBots,  | Using Ipads to enhance the curriculum through Reading Eggs/MathleticsWord processing – laptopsProgramming Beebots using the Ipads | Consolidation and independence of previous programmes and equipmentUsing Ipads for videoing and painting programmes |
| **2** | Using Ipads to enhance the curriculum through Reading Eggs/MathleticsProgramming Beebots using the Ipads | Using Ipads to enhance the curriculum through Reading Eggs/MathleticsWord processing – laptop BBD dance typingDaisy the Dinosaur | Consolidation and independence of previous programmes and equipmentUsing Ipads for videoing and painting programmesHopscotch (iPad) |
| **3 and 4** | Basic coding using ScratchEvaluating/Decomposing an example game Creating own game using instructions(Scratch – Dressing up/Music machine) | Basic coding using ScratchEvaluating/Decomposing an example game Creating own game using instructionsCreating a conversation using instructions(Scratch – Smoking Car/Basic Conversation) | Using Ipads to for creating videos/films using iMovie appAble to edit and improve their work using iMovie to create a final product (learning skills ready for later topic for movie night) | Typing skills – Using the correct technique for typing and speed test.E-safetyUsing the internet safely when researching and communicating online. | Coding using Scratch (developed from Autumn Term)Evaluating/Decomposing gamesCreating own game by testing out different algorithms iMovie appAble to edit and improve their work using iMovie to create a final productMap work linked in with Geography- google maps and aerial views  | Coding using Scratch (developed from Autumn Term)Evaluating/Decomposing gamesCreating own game by testing out different algorithms Map work linked in with Geography- google maps and aerial views |
| **5 and 6** | Primary Games MakerKoduPupils to design and write programmes to achieve certain goals.They will create and programme their own game. During this phase they should create a new world, decorate, program, test, debug if necessary, improve if possible, retest. Encourage children to find errors with their own programming rather than CT fixing issue | Warning Zone Tripuse technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contactStop Motion Animation |  |  | ConversationCoin Sorter Counting Machine | Crab Maze GamePlan and Create a ClockCartesian Coordinates |