|  | **Autumn**E-safety and communication | **Spring**Programming and Computational thinking | **Summer**Digital Literacy |
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| Phase | Cycle A | Cycle B | Cycle A | Cycle B | Cycle A | Cycle B |
| Years 1 & 2 | Use technology safely and respectfully and know where to go for help and support with content they are unsure of.A1: My Online Life A2: Animate with shapes  | Recognise common uses of technology beyond school and use technology to organise, store, manipulate and retrieve digital content.A1: Modern TalesA2: Minibeasts | Create and debug simple programs and use logical reasoning to predict simple programs.Sp1: What is a computerSp2: Online Buddies | Understand what algorithms are and understand that programs execute simple instructions.Sp1: Code -tasticSp2: Let’s Fix It | Use technology purposefully to create, organise and store manipulate and retrieve digital content.Su1: Mythical CreaturesSu2: Young Authors | Use technology purposefully to create, organise and store manipulate and retrieve digital content. Su1: Super Sci-FiSu2: Young investigators |
| Years 3 & 4 | Use technology safely, respectfully and responsibly. Recognise acceptable/unacceptable behaviour. Recognise ways to report unsuitable behaviour.A1: Everyone Can Create: Photo resources - PortraitsA2: Back to the Future | Use search technologies effectively and appreciate how results are selected and ranked. Be discerning in selecting digital Literacy.A1:We are PublishersA2: Hurray For Holywood | Design, write and debug simple programsSp1: We Love GamesSp2: My First Program | Use sequence and repetition in programs**(Lego Wedo)**Use logical reasoning to explain how some algorithms work and to detect errors. **(Microbits)**Sp1: Use LegoWedo and look at projects on their website.Sp2: Use Microbits to code (look at BBC Website) | Be discerning in selecting digital Literacy.Select, use and combine a variety of software on a range of digital literacy devices to design and create and accomplish a given goal.Su1: Going for GoldSu2: Final Score | Select, use and combine a variety of software on a range of digital literacy devices to design and create and accomplish a given goal. This should include collecting, analysing, evaluating and presenting data/information.Su1: Get BloggingSum2: We’ve Got the Power. |
| Years5 & 6 | Use technology safely, respectfully and responsibly. Recognise acceptable/unacceptable behaviour. Recognise ways to report unsuitable behaviour.A1: Image filtering and airbrushing - effect of Social MediaA2: Code breakers | Use search technologies effectively and appreciate how results are selected and ranked. Be discerning in selecting digital Literacy.A1: Interactive Art ExhibitionA2: Grand Designs | Design, write and debug programs to accomplish a specific goal, including controlling physical systems. Solve problems by decomposing them into smaller parts.Sp1: CarsSp2: Appy Times Part 2 | Use sequence, selection and repetition in programs: work with variables with input and output. **(Lego Wedo, and Microbits)**Use logical reasoning to explain how some algorithms work and to detect errors. **(Microbits)**Sp1: Use Microbits (Use BBC Microbits website for planning)Sp2: Use Lego Wedo (see website for planning) | Be discerning in selecting digital Literacy.Select, use and combine a variety of software on a range of digital literacy devices to design and create and accomplish a given goal.Su1: Let’s Change the WorldSu2: Young Authors | Select, use and combine a variety of software on a range of digital literacy devices to design and create and accomplish a given goal. This should include collecting, analysing, evaluating and presenting data/information.Su1: Stocks and sharesSum2: Website Designers |
| Progression of Skills | Use of Camera Image ManipulationeSafety |  | Computational ThinkingCodingDebugging |  | Digital Literacy SkillsAnimation SkillsDesktop Publishing Skills |  |