|  |
| --- |
| **Computing Units** |
|  | Term 1 | Term 2 | Term 3 |
| **Nursey** | Simple City2Paint a Picture | 2 Design and Make | Maths City |
| Outcome | Create a scene / house relate to own life / experiences.Firework Scenes using different effects. | People Who Help Us Vehicle - Police car, ambulance, fire engine | Consolidating learning of number / counting |
| Ongoing Computing opportunities | 2Paint a Picture, Simple City, Maths City, 2 Design and make, Various topic related activities linked to topic on Mini Mash, access to Bee-bots |
| **Reception** | 2Design and make –  | Mashcam | 2Go- Direct Minibeasts to the flowers |
| Outcome | Christmas party hat produced | Mashcam – fairy tale role-play | Map of directions produced |
| Ongoing Computing opportunities | 2Paint a Picture, 2Count, Simple City, Maths City, 2Go, 2Explore, 2Design and make. Access to Bee-bots |
| Year 1 | Unit 1.1 Online Safety & Exploring Purple Mash (4 lessons)/ Unit 1.9 Technology outside schoolUnit 1.3- Pictograms | **NCCE- Programming animations** | **Unit 1.6 Animated Story Books (5 weeks)***(2021-22 Term 2 Scratch followed by Term 3 Animated story books**2022-23 Term 2 Animated story books (linked to GFOL) followed by Term 3 Scratch)* |
| Outcome | Piece of work that is responded to within Purple MashPictogram relating to transport | Create own algorithms to instruct animations | Create a story book / factual report about different animals / GFOL depending on year 21/22 22/23) |
| Year 2 | **Unit 2.5 Effective Searching****Unit 2.4 Questioning** | **Unit 2.8 Presenting Ideas** | **NCCE- Programming quizzes** |
| Outcome | Effective Searching: Effectively search for information to write an explanation text based on the food chain of an owl in EnglishQuestioning: Pictograms linked to maths and Science work | Quiz – Quiz about Easter (RE)Fact file – Fact file about crocodiles (English)Presentation – Famous People from Stoke-on-Trent (History) |  |
| Year 3 | **Unit 3.4 Touch Typing****Unit 3.5 Email** | **NCCE- Sequencing sounds****Unit 3.8 Graphing** | **Unit 3.6 Branching Databases****Unit 4.8 Hardware Investigators** |
| Outcome | Email: To email the man from ‘The Great Kapok Tree’ | Graphing: Create a graph using data collected in maths/ cross curricular |  |
| Year 4 | **Unit 4.6 Animation****Unit 4.7 Effective Searching** | **NCCE- Repetition in games**Unit 4.4 Writing for different audiences | **Unit 5.6 3D Modelling** |
| Outcome | Animation: Create a Roman Battle animation.Effective searching: Research and answer questions on the Romans | Writing for different audiences: To write a persuasive letter or create a persuasive poster linked to deforestation | 3D Modelling: Create a memory box (DT link) |
| Year 5 | **Unit 5.5 Game Creator****Unit 5.7 Concept Maps** | **NCCE- Selection in quizzes** | **Unit 5.4 Databases** |
| Outcome | Game creator: Create their own playable game based on either Earth or SpaceConcept Maps: To create a concept map based on a scientific concept. |  | Database: To create a database to record information on the mountain ranges of the world. |
| Year 6 | **Unit 6.7 Quizzing****Unit 6.4 Blogging** | **NCCE- Variables in games** | **Unit 6.9 Spreadsheets****Unit 6.6. Networks** |
| Outcome | Quizzing: Create a quiz on the VictoriansBlogging: To create a blog which includes what children learnt during the Victorians unit |  | Spreadsheets: To create a spreadsheet which uses formula to calculate. |