



Firthmoor Primary School Computing Long Term Plan

| Cycle A | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|----------------|--|---|--|---|--|--|
| Digital Safety | Self-Image and Identity | | Online Bullying | | Health, Wellbeing & Lifestyle | |
| EYFS | Following verbal instructions and pictorial timetables - Watching video clips - Exploring digital and mechanical toys | | | | | |
| | Computing will be embedded throughout the year where children will develop the concepts of: Logical Reasoning, Abstraction, Pattern, Algorithms and Decomposition. This will be done through the approaches of Tinkering, Creating, Collaborating and Persevering. E-Safety will be covered each half term. | | | | | |
| Y1/2 | Photos and Videos <i>Basic Skills</i> | Publishing (Pages) <i>Basic Skills</i> | Presentation (Keynote) <i>Basic Skills</i> | Coding (Scratch) <i>Basic Skills</i> | Filmmaking (iMovie) <i>Basic Skills</i> | Sound Production (GarageBand) <i>Basic Skills</i> |
| Y3/4 | Publishing (Pages) <ul style="list-style-type: none">- Year 3/4 Skills- Create a poster- Create a flyer | | Data handling (Numbers) <ul style="list-style-type: none">- Year 3/4 Skills- Table and graph with explanations- Differences in climate | | Filmmaking (iMovie) <ul style="list-style-type: none">- Year 3/4 Skills- Short film from still images (iMovie)- Short film – voiceover & delivery to camera, including green screen | |
| Y5/6 | Publishing (Pages) <ul style="list-style-type: none">- Year 5/6 Skills- Create a short ebook in Pages- Create a fact file | | Data handling (Numbers) <ul style="list-style-type: none">- Year 5/6 Skills Spreadsheet – calculating costs (Numbers) Enterprise challenge planning (Numbers) Basic info file – ‘Basic Form’ template (Numbers) Produce charts and tables based on research (Numbers) | | Filmmaking (iMovie) <ul style="list-style-type: none">- Year 5/6 Skills- Storyboard (iMovie)- Short voiceover documentary (iMovie) | |



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Computing Long Term Plan

| Cycle B | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|----------------|--|---|--|--|--|--|
| Digital Safety | Online Relationships & Online Reputation | | Managing Online Information | | Privacy and Security & Copyright and Ownership | |
| EYFS | Following verbal instructions and pictorial timetables - Watching video clips - Exploring digital and mechanical toys | | | | | |
| | Computing will be embedded throughout the year where children will develop the concepts of: Logical Reasoning, Abstraction, Pattern, Algorithms and Decomposition. This will be done through the approaches of Tinkering, Creating, Collaborating and Persevering. E-Safety will be covered each half term. | | | | | |
| Y1/2 | Photos and Videos <i>Basic Skills</i> | Publishing (Pages) <i>Basic Skills</i> | Presentation (Keynote) <i>Basic Skills</i> | Filmmaking (iMovie) <i>Basic Skills</i> | Coding (Scratch) <i>Basic Skills</i> | Sound Production (GarageBand) <i>Basic Skills</i> |
| Y3/4 | Presentation (Keynote) <ul style="list-style-type: none">- Year 3/4 Skills- Presentation on topic (Keynote) | | Coding (Scratch) <ul style="list-style-type: none">- Create a scene with sound and effects- Telling a story – images for backgrounds and a sprite lead character | | Sound Production (GarageBand) <ul style="list-style-type: none">- Soundscape- Soundtrack- Piece of music with voice recording | |
| Y5/6 | Presentation (Keynote) <ul style="list-style-type: none">- Year 5/6 Skills- Presentation including photos, diagrams, labels & videos | | Coding (Scratch) <ul style="list-style-type: none">- Adventure game- Code a cartoon- Pong game | | VR/AR (Reality Composer) <ul style="list-style-type: none">- Year 5/6 Skills Create a scene using characters and objects in VR in ‘layout’ style (Reality Composer) Reconstruct an object in VR to support presentation (Reality Composer) | Sound Production (GarageBand) <ul style="list-style-type: none">- Year 5/6 Skills- Short scripted podcast with intro and end music |