Computing Long Term Overview

In Jesus' footsteps we will grow in grace and knowledge

Early Years	Autumn	Spring	Summer
Little Lennies	Online Safety Starter- Families and Close Personal Relationships **Introduction to computing** - toys and how they work and move.	Online Safety Starter- Keeping personal information private and ourselves safe. **Computing all around us** - our interactive board and using this for learning.	Online Safety Starter- How to tell someone if they have a concern. **Computing and exploring** - programmable toys an introduction to Bee Bots
Reception	Online Safety Starter- Families and Close Personal Relationships **Introduction to computing** - using the internet, websites we use in school and what 'online' means. Use of ipads for learning.(Top Marks Maths, Bible stories etc)	Online Safety Starter- Keeping personal information private and ourselves safe. **Computing and ourselves** - keeping ourselves safe. Pop ups, suitable games - Smartie the Penguin resources and interactive story. Use of ipads for learning.	Online Safety Starter- How to tell someone if they have a concern. **Computing and thinking-** developing Bee Bots - combining Maths strategies with technology, accurate programming skills. Use of ipads for learning.

Computing
Long Term Overview

In Jesus' footsteps we will grow in grace and knowledge

Key Stage 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	Online Safety Starter- Families and Close Personal Relationships (R5,R6,R7,R8,R9) Computer Systems and Networks Technology Around Us	Online Safety Starter- Healthy Lifestyle (H1- H19) Creating Media-Digital Writing	Online Safety Starter- Citizenship (R21,R22, L1) Programming A Moving a Robot	Online Safety Starter- Keeping safe (H24, H29, H30) Data and Information Grouping Data	Online Safety Starter- Privacy and security. (L7, L8 L14, L17) Creating Media Making Music	Online Safety Starter- Health, well-being and lifestyle. (R10 -R25). Programming B Programming Animations
Cycle B	Online Safety Starter- Families and Close Personal Relationships (R5,R6,R7,R8,R9) Computer Systems and Networks- Information Technology Around Us	Online Safety Starter- Healthy Lifestyle (H1- H19) Creating Media- Digital Painting	Online Safety Starter- Citizenship (R21,R22, L1) Programming A- Robot Algorithms	Online Safety Starter- Keeping safe (H24, H29, H30) Data and Information- Pictograms	Online Safety Starter- Privacy and security. (L7, L8 L14, L17) Creating Media- Digital Photography	Online Safety Starter- Health, well-being and lifestyle. (R10 -R25). Programming B- An Introduction to Quizzes

Computing
Long Term Overview

Lower Key Stage 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	Online Safety Starter- Relationships (R10 - R18) Computer Systems and Networks The Internet	Online Safety Starter- Healthy Lifestyle (H15, H17, H19, H21, H22) Creating Media Desktop Publishing	Online Safety Starter- Managing hurtful behaviour and bullying (R19- R34) Programming A Events and Actions	Online Safety Starter - Keeping safe (H29, H30, H37, H38, H42, H44) Data and Information Branching Databases	Online Safety Starter- Living in the wider world (L1- L10) Creating Media Audio Editing	Online Safety Starter- Living in the wider world (L11- L16) Programming B Repetition in Shapes
Cycle B	Online Safety Starter- Relationships (R10 - R18) Computer Systems and Networks- Connecting Computers	Online Safety Starter- Healthy Lifestyle (H15, H17, H19, H21, H22) Creating Media- Stop-frame Animation	Online Safety Starter- Managing hurtful behaviour and bullying (R19- R34) Programming A- Sequence in Music	Online Safety Starter- Keeping safe (H29, H30, H37, H38, H42, H44) Data and Information- Data Logging	Online Safety Starter- Living in the wider world (L1- L10)ng Media- Photo Editing	Online Safety Starter- Living in the wider world (L11- L16) Programming B- Repetition in Games

Computing
Long Term Overview

Upper Key Stage 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	Online Safety Starter- Relationships (R10 - R18) Computer Systems and Information	Online Safety starter Starter- Healthy Lifestyle (H15, H17, H19, H21, H22) Creating Media Vector Drawing	Online Safety Starter- Managing hurtful behaviour and bullying (R19- R34) Programming A Selection in Quizzes	Online Safety Starter- Keeping safe (H29, H30, H37, H38, H42, H44) Data and Information Flat File Database	Online Safety Starter- Living in the wider world (L1- L10) Creating Media Video Editing	Online Safety Starter- Living in the wider world (L11- L16) Programming B A selection in physical computing
Year 6	Online Safety Starter- Relationships (R10 - R18) Computer Systems and Networks- Communication	Online Safety Starter- Healthy Lifestyle (H15, H17, H19, H21, H22) Creating Media- 3D Modelling	Online Safety Starter- Managing hurtful behaviour and bullying (R19- R34) Programming A- Variables in games	Online Safety Starter- Keeping safe (H29, H30, H37, H38, H42, H44) Data and Information- Introduction to Spreadsheets	Online Safety Starter- Living in the wider world (L1- L10) Creating Media- Web Page Creation	Online Safety Starter- Living in the wider world (L11- L16) Programming B Sensing (Micro:bit)