Computing School Overview and Progression of Skills 2023-2024
Teach Computing Scheme of Work and Progression Documents Used

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	**Technology around us** Desktop (Tablet) Hardware/Software: paintz.app	**Technology around us** Desktop Hardware/Software: Microsoft PowerPoint	**Connecting computers** Desktop (Tablet) Hardware/Software: Painting program (any)	**The internet** Desktop (Tablet) Hardware/Software: Various websites	**Sharing information** Desktop Hardware/Software: Google Slides	**Communication** Desktop Hardware/Software:
Autumn 2	**Creating media-digital painting** Desktop (Tablet) Hardware/Software: Microsoft Paint	**Digital photography** Desktop (Tablet) Hardware/Software: Digital camera	**Animation** Tablet (Desktop) Hardware/Software: iMotion (app for iOS)	**Audio editing** Desktop Hardware/Software: Audacity	**Video editing** Desktop (Tablet) Hardware/Software: Microsoft Photos (for Microsoft Windows 10)	**Web page creation** Desktop Hardware/Software: Google Sites
Spring 1	**Programming-moving a robot** Hardware/Software: Bee-bot, Blue-bot or other fixed-movement floor robot	**Robot algorithms** Hardware/Software: Bee-bot, Blue-bot or other fixed-movement floor robot	**Programming-sounds** Desktop (Tablet) Hardware/Software: Scratch	**Programming-repetition in shapes** Desktop (Tablet) Hardware/Software: FMSLogo	**Programming-selection in physical computing** Desktop Hardware/Software: Crumble controller + starter kit + motor	**Programming-variables in games** Desktop Hardware/Software: Scratch

Spring 2	**Grouping data** Desktop Hardware/Software: Microsoft PowerPoint	**Pictograms** Desktop (Tablet) Hardware/Software: j2data Pictogram	**Branching data bases** Desktop (Tablet) Hardware/Software: j2data Branch and Pictogram	**Data logging** Desktop (Tablet) Hardware/Software: Data logger	**Flat file data bases** Desktop (Tablet) Hardware/Software: j2data Database	**Introduction to spreadsheets** Desktop (Tablet) Hardware/Software: Microsoft Excel
Summer 1	**Creating media- digital writing** Desktop (Tablet) Hardware/Software: Microsoft Word	**Making music** Desktop (Tablet) Hardware/Software: Chrome Music Lab	**Desktop publishing** Desktop Hardware/Software: Adobe Spark	**Photo editing** Desktop Hardware/Software: Paint.NET (for Microsoft Windows)	**Creating media- vector drawing** Desktop Hardware/Software: Google Drawings	**3D modelling** Desktop (Tablet) Hardware/Software: Tinkercad
Summer 2	**Programming- programming animations** Tablet (Desktop) Hardware/Software: ScratchJr	**Programming quizzes** Tablet (Desktop) Hardware/Software: ScratchJr	**Programming- events and actions in programmes** Desktop (Tablet) Hardware/Software: Scratch	**Programming- repetition in games** Desktop (Tablet) Hardware/Software: Scratch	**Programming quizzes** Desktop Hardware/Software: Scratch	**Programming- sensing** Desktop (Tablet) Hardware/Software: micro:bit and Microsoft MakeCode