KS1

START

Year 1

Technology Around Us
Moving a Robot
Digital Writing

Digital Painting
Grouping Data
Introduction to Animation

Year 2

Information Technology Around Us
Robot Algorithms
Making Music

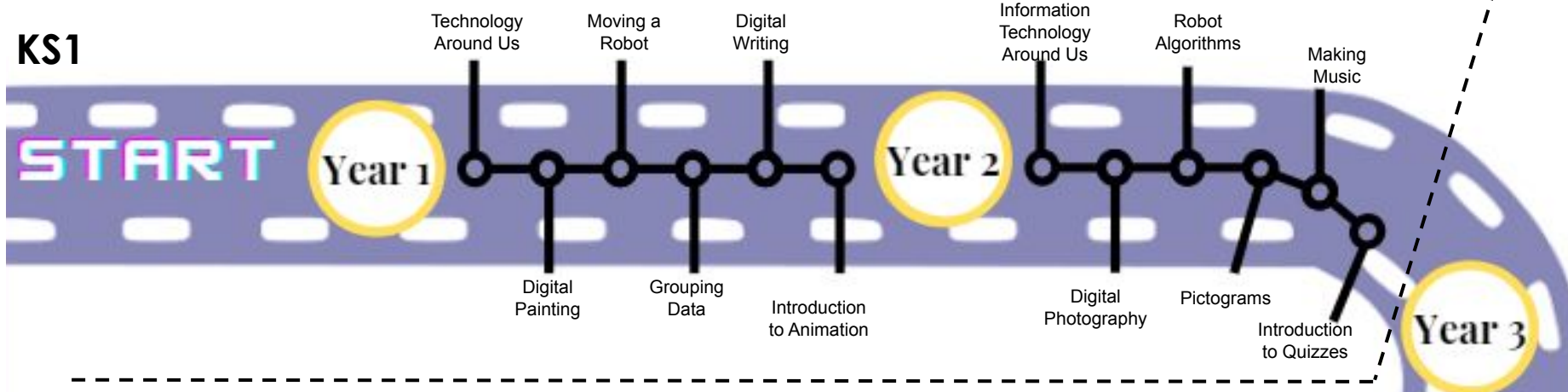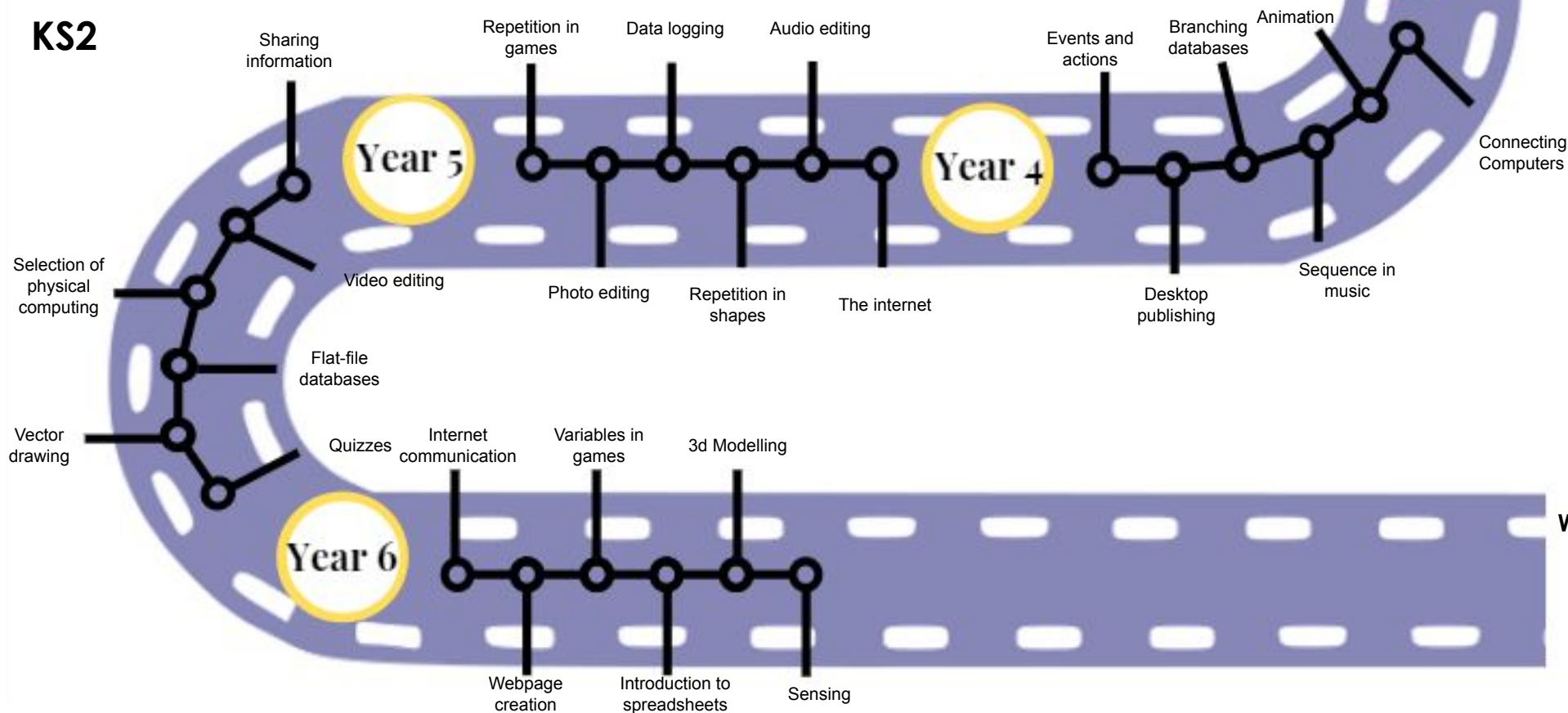Digital Photography
Pictograms
Introduction to Quizzes

Year 3

Computing is split into 3 different areas, Digital Literacy (DL), Computer Science (CS) and Information Technology (IT).
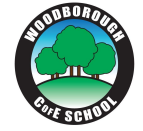
In Key stage 1 they should be exposed to four main elements: computing systems and network, creating media, programming and data information.

KS2

Sharing information

Year 5

Repetition in games
Data logging
Audio editing

Video editing

Photo editing
Repetition in shapes
The internet

Events and actions
Branching databases
Animation

Year 4

Desktop publishing
Sequence in music

Connecting Computers

Selection of physical computing

Flat-file databases

Vector drawing

Quizzes
Internet communication
Variables in games
3d Modelling

Year 6

Webpage creation
Introduction to spreadsheets
Sensing

In Key stage 2 children should continue to build upon their learning and develop their sequencing and repetition in computer programming
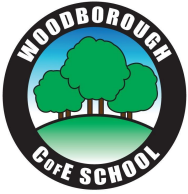
Children should leave school being digitally literate and be able to apply their knowledge appropriately, being aware of using technology safely, responsibility and respectfully in the digital world they live in.

Woodborough CofE Primary School's Computing Curriculum Progression

National Centre for Computing Education

Raspberry Pi Foundation

At Woodborough, we follow the Teach Computing units. If teachers find additional units they would like to incorporate, they are switched with a unit which contain the same skills to maintain progression and coverage of the curriculum

Online safety

	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6	Additional (Interland games)
Reception (book focus)	Smartie the penguin	Digiduck stories	Think U know- Jessie and friends	Chicken clicking	Penguinpig	Once upon a time online	
Year 1	Owning Your Creative Work	Safe Image Searching	Staying SMART Online	My Personal Information	What Is Email?	Keeping Zibb Safe Online	
Year 2	Digital Footprints	Keywords	You Be the Judge	Rate and Review	Being Kind Online	Cyber Snakes and Ladders	
Year 3	Cyberbullying	Secure Websites	People Online	Girls and Boys Online	SMARTbots	Online Safety: Let's Get Quizzical!	**Kind kingdom**
Year 4	Cyberbullying	Super Searchers	Copycats!	Too Much Information?	The Online Community	Cyber Superheroes	**Tower of treasure**
Year 5	What Is Cyberbullying?	To Buy or Not to Buy?	Keep It to Yourself!	Emailing	Online Communication	Party Planners	**Mindful Mountain**
Year 6	Spam!	Sites to Cite	Powerful Passwords	False Photography	Online Safety Story Planning	Online Safety Comics	**Reality river** Social Media lesson/debate

In addition to these lessons and the teach computing units, online safety is taught as part of the PSHE curriculum and in response to individual needs of the children.