Autumn

									Outcome	Vocabulary
Year 2

Computer Systems and Networks- IT around us | 1st Half | Learning: To recognise the uses and features of information technology | Learning: To identify the uses of information technology in the school | Learning: To identify information technology beyond school | Learning: To explain how information technology helps us | Learning: To explain how to use information technology safely | Learning: To recognise that choices are made when using information technology | Summative Assessment | To identify IT and how its responsible use improves out world in school and beyond. | IT (Information Technology) Barcode |
| Year 2

Creating Media- Digital Photography | 2nd Half | Learning: To use a digital device to take a photograph | Learning: To make choices when taking a photograph | Learning: To describe what makes a good photograph | Learning: To decide how photographs can be improved | Learning: To use tools to change an image | Learning: To recognise that photos can be changed | Summative Assessment | To capture and change digital photographs for different purposes | Photographer Landscape/portrait format Camera Flash Filter |

Spring

									Outcome	Vocabulary
Year 2

Programming A- Robot Algorithms | 1st Half | Learning: To describe a series of instructions as a sequence | Learning: To explain what happens when we change the order of instructions | Learning: To use logical reasoning to predict the outcome of a program | Learning: To explain that programming projects can have code and artwork | Learning: To design an algorithm | Learning: To create and debug a program that I have written | Summative Assessment | To create and debug programs, and use logical reasoning to make predictions. | Algorithm Sequence Predict Bug/debug |
| Year 2 | 2nd Half | Learning: To | Learning: To | Learning: To create | Learning: To select | To recognis | To explain that we | Summative | To collect data in | Tally Chart Pictogram |

Data and Information- Pictograms		recognise that we can count and compare objects using tally charts	recognise that objects can be represented as pictures	a pictogram	objects by attribute and make comparisons	e that people can be described by attributes	can present information using a computer	Assessment	tally charts and use attributes to organise and present data on a computer	Attribute

Summer

									Outcome	Vocabulary
Year 2

Creating Media- Making Music | 1st Half | Learning: To say how music can make us feel | Learning: To identify that there are patterns in music | Learning: To experiment with sound using a computer | Learning: To use a computer to create a musical pattern | Learning: To create music for a purpose | Learning: To review and refine our computer work | Summative Assessment | To use a computer as a tool to explore rhythms and melodies, before creating a musical composition. | Rhythm pattern Music Tempo |
| Year 2

Programing B- Programming quizzes | 2nd Half | Learning: To explain that a sequence of commands has a start | Learning: To explain that a sequence of commands has an outcome | Learning: To create a program using a given design | Learning: To change a given design | Learning: To create a program using my own design | Learning: To decide how my project can be improved | Summative Assessment | To design algorithms and programs that use events to trigger sequences of code to make an interactive quiz | Outcome Sequence |