

Emerging Progress

Throughout an **increasingly** Challenging Knowledge Led curriculum from Year 7, to Year 9, Emerging Students can:

- Recall some basic key words with support at the end of a topic
- State the meaning of some basic key words with support
- Link some keywords to images or diagrams with support
- Use basic maths within Computing with support
- Use IT equipment and recognise online safety risks with support
- Understand basic information from tables and charts with support
- Demonstrate basic knowledge and understanding of their current topic
- Recall basic information from prior learning with support, prompting and questioning

In Year 9, the students Knowledge journey increases in Challenge further to include.....

In Year 8, students Knowledge journey increases in Challenge to include.....

In Year 7, students Knowledge journey includes.....

Assessment 1:

ICT key skills and file management
PowerPoint
Flowol, Yenka
Flowcharts
Input and output devices
Scratch programming

Assessment 2:

Flowcharts
Scratch programming
Online safety
Kodu programming
Binary numbers
Data units

Assessment 1:

Input and output devices
Storage devices
Hardware & Software
HTML
Binary numbers

Also includes links to prior learning from year 7 content

Assessment 2:

HTML
Malware and forms of attack
Binary numbers
ASCII character sets and image representation
Logic gates

Also includes links to prior learning from year 7 content

Mock Exam :

Python
Binary numbers
ASCII character representation
Digital graphics
Digital sound

Also includes links to prior learning from year 7 and 8 content

Assessment 2:

Binary, denary, hexadecimal
Spreadsheets
Binary addition
Data representation
Python
Flowcharts
Online safety
Photo editing

Also includes links to prior learning from year 7 and 8 content

Developing Progress

Throughout an **increasingly** Challenging Knowledge led curriculum from Year 7, to Year 9, Developing Students can:

- Recall some basic key words with guidance at the end of a topic
- State the meaning of some basic key words with guidance
- Link some keywords to images or diagrams with guidance
- Use basic maths within Computing with guidance
- Use IT equipment and recognise online safety risks with guidance
- Understand basic information from tables and charts with guidance
- Demonstrate basic knowledge and understanding of their current topic
- Recall basic information from prior learning with guidance, prompting and questioning

In Year 9, the students Knowledge journey increases in Challenge further to include.....

In Year 8, students Knowledge journey increases in Challenge to include.....

In Year 7, students Knowledge journey includes.....

Assessment 1:

ICT key skills and file management
Powerpoint
Flowol, Yenka
Flowcharts
Input and output devices
Scratch programming

Assessment 2:

Flowcharts
Scratch programming
Online safety
Kodu programming
Binary numbers
Data units

Assessment 1:

Input and output devices
Storage devices
Hardware & Software
HTML
Binary numbers

Also includes links to prior learning from year 7 content

Assessment 2:

HTML
Malware and forms of attack
Binary numbers
ASCII character sets and image representation
Logic gates

Also includes links to prior learning from year 7 content

Mock Exam :

Python
Binary numbers
ASCII character representation
Digital graphics
Digital sound

Also includes links to prior learning from year 7 and 8 content

Assessment 2:

Binary, denary, hexadecimal
Spreadsheets
Binary addition
Data representation
Python
Flowcharts
Online safety
Photo editing

Also includes links to prior learning from year 7 and 8 content

Achieving Progress

Throughout an **increasingly** Challenging Knowledge led curriculum from Year 7, to Year 9, Achieving Students can:

- Recall most key words independently at the end of a topic
- State the meaning of basic key words independently and use them in context
- Link some keywords to images or diagrams with independently
- Use basic maths within Computing independently
- Use IT hardware and software and recognise online safety risks independently
- Understand basic information from tables and charts independently
- Demonstrate clear knowledge and understanding of their current and recent topics
- Recall key information from prior learning with questioning

In Year 9, the students Knowledge journey increases in Challenge further to include.....

In Year 8, students Knowledge journey increases in Challenge to include.....

In Year 7, students Knowledge journey includes.....

Assessment 1:

ICT key skills and file management
Powerpoint
Flowol, Yenka
Flowcharts
Input and output devices
Scratch programming

Assessment 2:

Flowcharts
Scratch programming
Online safety
Kodu programming
Binary numbers
Data units

Assessment 1:

Input and output devices
Storage devices
Hardware & Software
HTML
Binary numbers

Also includes links to prior learning from year 7 content

Assessment 2:

HTML
Malware and forms of attack
Binary numbers
ASCII character sets and image representation
Logic gates

Also includes links to prior learning from year 7 content

Mock Exam :

Python
Binary numbers
ASCII character representation
Digital graphics
Digital sound

Also includes links to prior learning from year 7 and 8 content

Assessment 2:

Binary, denary, hexadecimal
Spreadsheets
Binary addition
Data representation
Python
Flowcharts
Online safety
Photo editing

Also includes links to prior learning from year 7 and 8 content

Exceeding Progress

Throughout an **increasingly** Challenging Knowledge Led curriculum from Year 7, to Year 9, Exceeding Students can :

- Recall most key words independently at the end of a topic and some at other times throughout the year
- State the meanings key terms independently and use them in context
- Link keywords to images or diagrams independently
- Use higher maths skills within Computing independently
- Use IT hardware and software effectively and recognise online safety risks independently
- Extrapolate and use information from multiple sources independently and describe them
- Demonstrate, with confidence, a solid knowledge and understanding of their current and recent topics
- Confidently recall information from prior learning during questioning or independent work

In Year 9, the students Knowledge journey increases in Challenge further to include.....

In Year 8, students Knowledge journey increases in Challenge to include.....

In Year 7, students Knowledge journey includes.....

Assessment 1:
ICT key skills and file management
Powerpoint
Flowol, Yenka
Flowcharts
Input and output devices
Scratch programming

Assessment 2:
Flowcharts
Scratch programming
Online safety
Kodu programming
Binary numbers
Data units

Assessment 1:
Input and output devices
Storage devices
Hardware & Software
HTML
Binary numbers

Also includes links to prior learning from year 7 content

Assessment 2:
HTML
Malware and forms of attack
Binary numbers
ASCII character sets and image representation
Logic gates

Also includes links to prior learning from year 7 content

Mock Exam :
Python
Binary numbers
ASCII character representation
Digital graphics
Digital sound

Also includes links to prior learning from year 7 and 8 content

Assessment 2:
Binary, denary, hexadecimal
Spreadsheets
Binary addition
Data representation
Python
Flowcharts
Online safety
Photo editing

Also includes links to prior learning from year 7 and 8 content

Excelling Progress

Throughout an **increasingly** Challenging Knowledge led curriculum from Year 7, to Year 9, Excelling Students can :

- Recall most key words independently at the end of a topic and most at other times throughout the year
- State the meanings of key words independently and use them in context with confidence
- Link keywords to images, diagrams and meanings independently
- Use higher maths skills independently and with confidence to ensure all challenging questions are solved
- Use IT hardware and software efficiently and recognise online safety risks independently
- Demonstrate, with confidence, a solid knowledge and understanding of their current and recent topics
- Extrapolate and use information from multiple sources independently and describe them with confidence
- Confidently recall information from prior learning during questioning or independent work

In Year 9, the students Knowledge journey increases in Challenge further to include.....

In Year 8, students Knowledge journey increases in Challenge to include.....

In Year 7, students Knowledge journey includes.....

Assessment 1:
ICT key skills and file management
Powerpoint
Flowol, Yenka
Flowcharts
Input and output devices
Scratch programming

Assessment 2:
Flowcharts
Scratch programming
Online safety
Kodu programming
Binary numbers
Data units

Assessment 1:
Input and output devices
Storage devices
Hardware & Software
HTML
Binary numbers

Also includes links to prior learning from year 7 content

Assessment 2:
HTML
Malware and forms of attack
Binary numbers
ASCII character sets and image representation
Logic gates

Also includes links to prior learning from year 7 content

Mock Exam :
Python
Binary numbers
ASCII character representation
Digital graphics
Digital sound

Also includes links to prior learning from year 7 and 8 content

Assessment 2:
Binary, denary, hexadecimal
Spreadsheets
Binary addition
Data representation
Python
Flowcharts
Online safety
Photo editing

Also includes links to prior learning from year 7 and 8 content

Skills

	Computing Knowledge	Literacy in Computing Skill	Numeracy in Computing Skill	Working Computing Skill
Emerging	<ul style="list-style-type: none"> Demonstrate basic knowledge and understanding of their current topic Recall basic information from past learning with support prompting and questioning. Recall some basic key words with support 	<ul style="list-style-type: none"> State the meaning of some basic key words with support Link some keywords to pictures or meanings with support 	<ul style="list-style-type: none"> Understand basic information from graphs with support Use basic maths within Computing with support 	<ul style="list-style-type: none"> Recognise some, equipment, safety, risks and steps needed during practical work, with support Add some basic labels to diagrams with support Use IT equipment and recognise online safety risks with support
Developing	<ul style="list-style-type: none"> Demonstrate basic knowledge and understanding of their current and recent topics Can recall basic information from past learning with prompting and questioning Recall basic key words with guidance 	<ul style="list-style-type: none"> State the meaning of most basic key words with guidance Link keywords to pictures or meanings with guidance 	<ul style="list-style-type: none"> Describe basic graphs and find key information from them with guidance Use basic maths within Computing with guidance 	<ul style="list-style-type: none"> Recognise the equipment, safety, risks and steps needed during practical work with guidance. Add most labels to diagrams with guidance Use IT equipment and recognise online safety risks with guidance
Achieving	<ul style="list-style-type: none"> Demonstrate clear knowledge and understanding of their current and recent topics Can recall key information from past learning through questioning Recall most key words at the end of a topic independently 	<ul style="list-style-type: none"> State the meanings of basic key words independently and use them in context Link most keywords to pictures or meanings independently 	<ul style="list-style-type: none"> Find key information from graphs and be able to describe them independently Use basic maths within Computing independently 	<ul style="list-style-type: none"> Recognise common, equipment, safety, risks and steps needed during practical work independently Add most labels to diagrams independently Use IT equipment and recognise online safety risks independently
Exceeding	<ul style="list-style-type: none"> Demonstrate with confidence, a solid knowledge and understanding of their current and recent topics, Can confidently recall information from past learning, during questioning or independent work Recall keywords at the end of a topic independently 	<ul style="list-style-type: none"> State the meanings of most key words independently and use them in context Link keywords to pictures or meanings independently 	<ul style="list-style-type: none"> Extrapolate and use information from graphs and be able to describe them independently with confidence Use higher maths skills within Computing independently 	<ul style="list-style-type: none"> Recognise equipment, safety, risks and steps needed during practical work independently Add labels to diagrams independently Can use IT equipment and recognise online safety risks with support
Excelling	<ul style="list-style-type: none"> Demonstrate with confidence, a thorough working knowledge and understanding of their current and recent topics Can confidently recall information from past learning, during questioning or independent work making links between topics Recall all key words at the end of a topic independently 	<ul style="list-style-type: none"> State the meanings of key words independently and use them in context with confidence Link keywords to pictures or meanings independently 	<ul style="list-style-type: none"> Extrapolate and use information from multiple graphs and be able to describe them independently with confidence Use higher maths skills independently and with confidence to ensure all challenging questions are solved 	<ul style="list-style-type: none"> Recognise equipment, safety, risks and steps needed during practical work independently Add labels to diagrams independently Use IT equipment and recognise online safety risks with support

In Year 9, the students Knowledge journey increases in Challenge further to include.....

In Year 8, students Knowledge journey increases in Challenge to include.....

In Year 7, students Knowledge journey includes.....

Assessment 1:
ICT key skills and file management
Powerpoint
Flowol, Yenka
Flowcharts
Input and output devices
Scratch programming

Assessment 2:
Flowcharts
Scratch programming
Online safety
Kodu programming
Binary numbers
Data units

Assessment 1:
Input and output devices
Storage devices
Hardware & Software
HTML
Binary numbers

Also includes links to prior learning from year 7 content

Assessment 2:
HTML
Malware and forms of attack
Binary numbers
ASCII character sets and image representation
Logic gates

Also includes links to prior learning from year 7 content

Mock Exam :

Python
Binary numbers
ASCII character representation
Digital graphics
Digital sound

Also includes links to prior learning from year 7 and 8 content

Assessment 2:

Binary, denary, hexadecimal
Spreadsheets
Binary addition
Data representation
Python
Flowcharts
Online safety
Photo editing

Also includes links to prior learning from year 7 and 8 content

Content

Skills

	Computing Knowledge	Literacy in Computing Skill	Numeracy in Computing Skill	Working Computing Skill
Emerging	<ul style="list-style-type: none"> Demonstrate basic knowledge and understanding of their current topic Recall basic information from past learning with support prompting and questioning. Recall some basic key words with support 	<ul style="list-style-type: none"> State the meaning of some basic key words with support Link some keywords to pictures or meanings with support 	<ul style="list-style-type: none"> Understand basic information from graphs with support Use basic maths within Computing with support 	<ul style="list-style-type: none"> Recognise some, equipment, safety, risks and steps needed during practical work, with support Add some basic labels to diagrams with support Use IT equipment and recognise online safety risks with support
Developing	<ul style="list-style-type: none"> Demonstrate basic knowledge and understanding of their current and recent topics Can recall basic information from past learning with prompting and questioning Recall basic key words with guidance 	<ul style="list-style-type: none"> State the meaning of most basic key words with guidance Link keywords to pictures or meanings with guidance 	<ul style="list-style-type: none"> Describe basic graphs and find key information from them with guidance Use basic maths within Computing with guidance 	<ul style="list-style-type: none"> Recognise the equipment, safety, risks and steps needed during practical work with guidance. Add most labels to diagrams with guidance Use IT equipment and recognise online safety risks with guidance
Achieving	<ul style="list-style-type: none"> Demonstrate clear knowledge and understanding of their current and recent topics Can recall key information from past learning through questioning Recall most key words at the end of a topic independently 	<ul style="list-style-type: none"> State the meanings of basic key words independently and use them in context Link most keywords to pictures or meanings independently 	<ul style="list-style-type: none"> Find key information from graphs and be able to describe them independently Use basic maths within Computing independently 	<ul style="list-style-type: none"> Recognise common, equipment, safety, risks and steps needed during practical work independently Add most labels to diagrams independently Use IT equipment and recognise online safety risks independently
Exceeding	<ul style="list-style-type: none"> Demonstrate with confidence, a solid knowledge and understanding of their current and recent topics, Can confidently recall information from past learning, during questioning or independent work Recall keywords at the end of a topic independently 	<ul style="list-style-type: none"> State the meanings of most key words independently and use them in context Link keywords to pictures or meanings independently 	<ul style="list-style-type: none"> Extrapolate and use information from graphs and be able to describe them independently with confidence Use higher maths skills within Computing independently 	<ul style="list-style-type: none"> Recognise equipment, safety, risks and steps needed during practical work independently Add labels to diagrams independently Can use IT equipment and recognise online safety risks with support
Excelling	<ul style="list-style-type: none"> Demonstrate with confidence, a thorough working knowledge and understanding of their current and recent topics Can confidently recall information from past learning, during questioning or independent work making links between topics Recall all key words at the end of a topic independently 	<ul style="list-style-type: none"> State the meanings of key words independently and use them in context with confidence Link keywords to pictures or meanings independently 	<ul style="list-style-type: none"> Extrapolate and use information from multiple graphs and be able to describe them independently with confidence Use higher maths skills independently and with confidence to ensure all challenging questions are solved 	<ul style="list-style-type: none"> Recognise equipment, safety, risks and steps needed during practical work independently Add labels to diagrams independently Use IT equipment and recognise online safety risks with support

In Year 9, the students Knowledge journey increases in Challenge further to include.....

In Year 8, students Knowledge journey increases in Challenge to include.....

In Year 7, students Knowledge journey includes.....

Assessment 1:
ICT key skills and file management
Powerpoint
Flowol, Yenka
Flowcharts
Input and output devices
Scratch programming

Assessment 2:
Flowcharts
Scratch programming
Online safety
Kodu programming
Binary numbers
Data units

Assessment 1:
Input and output devices
Storage devices
Hardware & Software
HTML
Binary numbers

Also includes links to prior learning from year 7 content

Assessment 2:
HTML
Malware and forms of attack
Binary numbers
ASCII character sets and image representation
Logic gates

Also includes links to prior learning from year 7 content

Mock Exam :

Python
Binary numbers
ASCII character representation
Digital graphics
Digital sound

Also includes links to prior learning from year 7 and 8 content

Assessment 2:

Binary, denary, hexadecimal
Spreadsheets
Binary addition
Data representation
Python
Flowcharts
Online safety
Photo editing

Also includes links to prior learning from year 7 and 8 content

Content