



Whole School Curriculum Plan 2021-2022

Subject: Computing

Primary-aged groups

- This document should be read in conjunction with the Primary Topic Curriculum document where this subject is taught in a cross-curricular approach.



Year 7

		Autumn Term 2021		Spring Term 2022		Summer Term 2022	
	Year group in class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Newts	7	Knowledge, Skills and Understanding Use technology safely and responsibly Use hardware efficiently and effectively	Knowledge, Skills and Understanding Use coding languages to create content and solve problems Uses of software Software tools	Knowledge, Skills and Understanding Communication of ideas Internet Research Creative user of technology Combining content from more than 1 application	Knowledge, Skills and Understanding Hardware that makes up a computer system How the internet works Creating a database, entering data and simple queries.	Knowledge, Skills and Understanding Combining content from more than 1 application Advanced presentation skills Planning content Create content for a specific audience	Knowledge, Skills and Understanding Design of a product Technology and uses Developments in technology
		Topic(s) Passwords Internet safety Keyboard skills	Topic(s) Developing software skills Keyboard skills Basic coding	Topic(s) Animation Project	Topic(s) Databases The Internet How computers work	Topic(s) Branching databases	Topic(s) Apps
Shrews	7	Knowledge, Skills and Understanding Use coding languages to create content and solve problems Use technology safely and responsibly Use hardware efficiently and effectively	Knowledge, Skills and Understanding Use coding languages to create content and solve problems Uses of software Software tools	Knowledge, Skills and Understanding Communication of ideas Internet Research Creative user of technology Combining content from more than 1 application	Knowledge, Skills and Understanding Hardware that makes up a computer system How the internet works Creating a database, entering data and simple queries.	Knowledge, Skills and Understanding Combining content from more than 1 application Advanced presentation skills Planning content Create content for a specific audience	Knowledge, Skills and Understanding Design of a product Technology and uses Developments in technology
		Topic(s) Passwords Internet safety Basic coding	Topic(s) Keyboard skills Basic coding Spreadsheets	Topic(s) Animation Project	Topic(s) Databases The Internet How computers work	Topic(s) Branching databases	Topic(s) Apps



Year 8

		Autumn Term 2021		Spring Term 2022		Summer Term 2022	
	Year group in class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Voles	8	Knowledge, Skills and Understanding Communication of ideas Internet Research Creative user of technology Combining content from more than 1 application	Knowledge, Skills and Understanding Write computer programs Identify errors in computer code Correct errors in computer code Build resilience Responsible using of technology Internet Research	Knowledge, Skills and Understanding Write computer programs Identify errors in computer code Correct errors in computer code Internet Research Hardware and software components	Knowledge, Skills and Understanding Write computer programs Identify errors in computer code Correct errors in computer code Creative user of technology Communication of ideas Solve computer problems	Knowledge, Skills and Understanding Confident user of information technology Searching and sorting data Create content for a specific audience	Knowledge, Skills and Understanding Online privacy and identity Appropriate content online Confident user of information technology Design and create content Problem solving skills
		Topic(s) Animation Project	Topic(s) Game creation and debugging Internet Safety Websites	Topic(s) Computer networks Logo Control	Topic(s) Digital graphics Photo editing Kodu	Topic(s) Branching databases Databases	Topic(s) Spreadsheets Minecraft Online safety
Hedgehogs	8	Knowledge, Skills and Understanding Communication of ideas Internet Research Creative user of technology Combining content from more than 1 application	Knowledge, Skills and Understanding Write computer programs Identify errors in computer code Correct errors in computer code Build resilience Responsible using of technology Internet Research	Knowledge, Skills and Understanding Write computer programs Identify errors in computer code Correct errors in computer code Internet Research Hardware and software components	Knowledge, Skills and Understanding Write computer programs Identify errors in computer code Correct errors in computer code Creative user of technology Communication of ideas Solve computer problems	Knowledge, Skills and Understanding Confident user of information technology Searching and sorting data Create content for a specific audience	Knowledge, Skills and Understanding Online privacy and identity Appropriate content online Confident user of information technology Design and create content Problem solving skills
		Topic(s) Animation Project	Topic(s) Game creation and debugging Internet Safety Websites	Topic(s) Computer networks Logo Control	Topic(s) Digital graphics Photo editing Kodu	Topic(s) Confident user of information technology Searching and sorting data	Topic(s) Spreadsheets Minecraft Online safety



Year 9

		Autumn Term 2021		Spring Term 2022		Summer Term 2022	
	Year group in class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Stoats	9	Knowledge, Skills and Understanding Text based tasks Creating poster Spreadsheets Presentations The Internet Diagrams and logos.	Knowledge, Skills and Understanding Newsletters Database Choice of software Email – creating, replying, attachments Practice assessment tasks	Knowledge, Skills and Understanding Complete the Entry Level Assessment Setting up a website Website Features Interactivity of website Exporting a website	Knowledge, Skills and Understanding Use of ICT in a business Market research methods Planning a product Product packaging Methods of promotion	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams	Knowledge, Skills and Understanding <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety.
		Topic(s) Functional Skills Entry Level	Topic(s) Functional Skills Entry Level	Topic(s) Functional Skills Entry Level Assessment Creating a website	Topic(s) Marketing project <i>Possible visit to Drayton Manor</i>	Topic(s) Introduction to Creative iMedia Course – R081 – LO1	Topic(s) Introduction to Creative iMedia Course – R081 – LO2
Otters	9	Knowledge, Skills and Understanding Text based tasks Creating posters Spreadsheets Presentations The Internet Diagrams and logos.	Knowledge, Skills and Understanding Newsletters Databases Choice of software Email – creating, replying, attachments Practice assessment tasks	Knowledge, Skills and Understanding Complete the Entry Level Assessment Setting up a website Website Features Interactivity of website Exporting a website	Knowledge, Skills and Understanding Use of ICT in a business Market research methods Planning a product Product packaging Methods of promotion	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams	Knowledge, Skills and Understanding <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety.
		Topic(s) Functional Skills Entry Level	Topic(s) Functional Skills Entry Level	Topic(s) Functional Skills Entry Level Assessment Creating a website	Topic(s) Marketing project <i>Possible visit to Drayton Manor</i>	Topic(s) Introduction to Creative iMedia Course – R081 – LO1	Topic(s) Introduction to Creative iMedia Course – R081 – LO2



Year 10

		Autumn Term 2021		Spring Term 2022		Summer Term 2022	
	Year group in class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Badgers	10	Knowledge, Skills and Understanding Task 1 – Investigate Purpose and uses of interactive products Design of interactive products Hardware, software and peripheral devices Internet connection methods File formats Task 2 – Plan Planning the product Assets and resources for the product Test plan Legislation	Knowledge, Skills and Understanding Folder structure Source, prepare, create and import assets Master slide Navigation Adding content User interaction features Version control Exporting the product Evaluation of the website	Knowledge, Skills and Understanding Task 1 – Investigate Purpose Properties Design and layout Task 2 – Plan Target audience Client requirements Work Plan Mind map Mood board Visualisation diagram Legal restrictions Assets required Resources required	Knowledge, Skills and Understanding Task 3 – Creating Sourcing graphics Creating graphics Editing graphics Adding text Exporting graphic Repurposing graphic Task 4 – Evaluating Review the graphic Identify areas for improvement	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety.	Knowledge, Skills and Understanding <i>Produce pre-production documents</i> - mood boards, scripts, spider diagram, storyboards & visualisation diagrams. File formats. <i>Review pre-production documents</i> – Review and identify improvements
		Topic(s) Creative iMedia R087 – LO1 & LO2	Topic(s) Creative iMedia R087 – LO3 & LO4	Topic(s) Creative iMedia R082 – LO1&LO2	Topic(s) Creative iMedia R082 – LO3&LO4	Topic(s) Creative iMedia R081 – LO1 & LO2	Topic(s) Creative iMedia R081–LO3&LO4
Foxes	10	Knowledge, Skills and Understanding Task 1 – Investigate Purpose and uses of interactive products Design of interactive products Hardware, software and peripheral devices Internet connection methods File formats Task 2 – Plan Planning the product Assets and resources for the product Test plan Legislation	Knowledge, Skills and Understanding Folder structure Source, prepare, create and import assets Master slide Navigation Adding content User interaction features Version control Exporting the product Evaluation of the website	Knowledge, Skills and Understanding Task 1 – Investigate Purpose Properties Design and layout Task 2 – Plan Target audience Client requirements Work Plan Mind map Mood board Visualisation diagram Legal restrictions Assets required Resources required	Knowledge, Skills and Understanding Task 3 – Creating Sourcing graphics Creating graphics Editing graphics Adding text Exporting graphic Repurposing graphic Task 4 – Evaluating Review the graphic Identify areas for improvement	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety.	Knowledge, Skills and Understanding <i>Produce pre-production documents</i> - mood boards, scripts, spider diagram, storyboards & visualisation diagrams. File formats. <i>Review pre-production documents</i> – Review and identify improvements
		Topic(s) Creative iMedia R087 – LO1 & LO2	Topic(s) Creative iMedia R087 – LO3 & LO4	Topic(s) Creative iMedia R082 – LO1&LO2	Topic(s) Creative iMedia R082 – LO3&LO4	Topic(s) Creative iMedia R081 – LO1 & LO2	Topic(s) Creative iMedia R081–LO3&LO4



Year 11

		Autumn Term 2021		Spring Term 2022		Summer Term 2022	
	Year group in class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Boars	11	Knowledge, Skills and Understanding Task 3 – Creating Folder structure Source, prepare, create and import assets Master slide Navigation Adding content User interaction features Version control Exporting the product Task 4 – Evaluating Evaluation of the product	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety. <i>Produce pre-production documents</i> - mood boards, scripts, spider diagram, storyboards & visualisation diagrams. File formats. <i>Review pre-production documents</i> – Review and identify improvements	Knowledge, Skills and Understanding Task 1 - Investigate Website features and purpose Internet connection methods Task 2 - Planning Client requirements Planning a website Assets and resources for the website Test plan Legislation	Knowledge, Skills and Understanding Task 3 - Creating Folder structure Source, prepare and import assets Master page Navigation Adding content Publishing website Task 4 - Evaluating Evaluation of the website	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety. <i>Produce pre-production documents</i> - mood boards, scripts, spider diagram, storyboards & visualisation diagrams. File formats. <i>Review pre-production documents</i> – Review and identify improvements Review coursework and identify areas for improvement.	Knowledge, Skills and Understanding
		Topic(s) Creative iMedia R087 – LO3 & LO4	Topic(s) Creative iMedia R081 – Theory & exam preparation	Topic(s) Creative iMedia R085 – LO1 & LO2	Topic(s) Creative iMedia R085 – LO3 & LO4	Topic(s) Creative iMedia R081 – Theory & exam preparation Creative iMedia coursework improvements	Topic(s)
Deer	11	Knowledge, Skills and Understanding Task 3 - Creating Folder structure Source, prepare, create and import assets Master slide Navigation Adding content User interaction features Version control Exporting the product Task 4 - Evaluating Evaluation of the product	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety. <i>Produce pre-production documents</i> - mood boards, scripts, spider diagram, storyboards & visualisation diagrams. File formats. <i>Review pre-production documents</i> – Review and identify improvements	Knowledge, Skills and Understanding Task 1 - Investigate Website features and purpose Internet connection methods Task 2 - Planning Client requirements Planning a website Assets and resources for the website Test plan Legislation	Knowledge, Skills and Understanding Task 3 - Creating Folder structure Source, prepare and import assets Master page Navigation Adding content Publishing website Task 4 - Evaluating Evaluation of the website	Knowledge, Skills and Understanding <i>Purpose and content of pre-production</i> – mood boards, scripts, spider diagram, storyboards & visualisation diagrams <i>Plan pre-production</i> – client requirements, work plan, sources of information, hardware and software, legislation, health and safety. <i>Produce pre-production documents</i> - mood boards, scripts, spider diagram, storyboards & visualisation diagrams. File formats. <i>Review pre-production documents</i> – Review and identify improvements Review coursework and identify areas for improvement.	Knowledge, Skills and Understanding
		Topic(s) Creative iMedia R087 – LO3 & LO4	Topic(s) Creative iMedia R081 – Theory & exam preparation	Topic(s) Creative iMedia R085 – LO1 & LO2	Topic(s) Creative iMedia R085 – LO3 & LO4	Topic(s) Creative iMedia R081 – Theory & exam preparation Creative iMedia coursework improvements	Topic(s)