

WE RAISE						WERAISE
Threshold Concepts:	Code This concept involves developing an ur sequences.		Connect This concept involves developing an understanding of how to safely connect with others.	Communicate This concept involves using apps to communicate one's ideas.	Computing Systems and Networks	Collect This concept involves developing an understanding of databases and their uses.
	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
EYFS Computing	 Use of iPad safely – model applications Online safety 	 2Simple – fireworks pictures/Rangoli pictures Use of iPad safely – model applications Online safety 	 Use of iPad safely – model applications Online safety Using the internet to gather facts 	 Use of iPad safely – model applications Online safety 	 Use of iPad safely – model applications Online safety Beebots 	 Use of iPad safely – model applications Online safety Beebots Remote control vehicles
	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Y1 Computing	How can we use technology around us?	Can I paint on a computer?	How do I programme a robot to move?	How can I use a computer to sort shapes?	How can I become an expert at using a keyboard and mouse?	How do I programme an image to move on screen?
Outcome	Use word processing to create rules to stay safe and healthy when using technology	Use paint program to create an image linked to another subject.	Plan a route for a floor robot	Sort shapes into groups using different criteria and diagrams	Type recount of a celebration	Create a background and add matching sprites to it
Resources and links	Word SeeSaw		Beebots		Word SeeSaw	Scratch Junior
Glossary of						
terms						
Links to other units		Landmarks in Accrington (Geography) Family portrait (History)		Maths (Shape)		
Motion			Control motion by specifying the number of steps to travel, direction and turn			• Control motion by specifying the number of steps to travel, direction and turn
Looks					Add text strings, show and hide objects and change the features of an object	
Sound						
9 O Draw		 Control when drawings appear and set the pen colour, size and shape 				
Events						
Control						• Specify the nature of events (such as a single event or a loop).
Sensing						
Problem Solving			Create and debug simple programs			
Connect	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites.
Communicate	 Use technology purposefully to create, organise, store, manipulate and retrieve digital content. 	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	 Use technology purposefully to create, organise, store, manipulate and retrieve digital content. 	 Use technology purposefully to create, organise, store, manipulate and retrieve digital content. 	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	 Use technology purposefully to create, organise, store, manipulate and retrieve digital content.





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Threshold Concepts:	Code	denote a dia a of instructions. Is sis and	Connect	Communicate	Computing Systems and Networks	Collect
	This concept involves developing an un	iderstanding of instructions, logic and	This concept involves developing an	This concept involves using apps to		This concept involves developing an
	sequences.		understanding of how to safely connect with others.	communicate one's ideas.		understanding of databases and their uses.
	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Project Evolve			Online Relationships			
	 Self-Image and Identity To recognise that there may be people online who could make someone feel sad, embarrassed or upset. To understand if something happens that makes me feel sad, worried, uncomfortable or frightened I can give examples of when and how to speak to an adult I can trust and how they can help. 	 <u>Health, Well-being and Lifestyle</u> I can explain rules to keep myself safe when using technology both in and beyond the home. <u>Online Reputation</u> I can recognise that information can stay online and could be copied I can describe what information I should not put online without asking a trusted adult first. <u>Online Bullying</u> I can describe how to behave online in ways that do not upset others and can give examples. 	 I can give examples of when I should ask permission to do something online and explain why this is important. I can use the internet with adult support to communicate with people I know (e.g. video call apps or services). I can explain why it is important to be considerate and kind to people online and to respect their choices. I can explain why things one person finds funny or sad online may not always be seen in the same way by others. 	 <u>Copyright and Ownership</u> I can explain why work I create using technology belongs to me I can say why it belongs to me (e.g. 'I designed it' or 'I filmed it''). I can save my work under a suitable title or name so that others know it belongs to me (e.g. filename, name on content). I understand that work created by others does not belong to me even if I save a copy 	 Managing Online Information I can give simple examples of how to find information using digital technologies, e.g. search engines, voice activated searching. I know / understand that we can encounter a range of things online including things we like and don't like as well as things which are real or make believe / a joke. I know how to get help from a trusted adult if we see content that makes us feel sad, uncomfortable, worried or frightened. 	 Privacy and Security I can explain how passwords are used to protect information, accounts and devices. I can recognise more detailed examples of information that is personal to someone (e.g where someone lives and goes to school, family names). I can explain why it is important to always ask a trusted adult before sharing any personal information online, belonging to myself or others.
Computing Systems and Networks	Recognise common uses of information technology beyond school.					
Collect				Use simple databases to record information in areas across the curriculum.		
Y2 Computing	How does technology help us?	Are all photographs real?	Can I debug a programme?	How can computers present data?	Can a computer make music?	How do I program a quiz?
Outcome	Recognise and sort IT equipment by where it is found.	Recognise which photograph has been changed.	To test, debug, plan and put together algorithms for different parts of my program	To use a computer program to present information in different ways	To create a piece of music which has a rhythm which represents a chosen animal.	To design and create a quiz.
Resource links		https://pixlr.com/x/	BeeBots	j2e pictogram	Garageband	Scratch Jr
Glossary of						
terms						
Links to other						
units						
ຍ			Control motion by specifying the number of steps to travel, direction and turn.		•	Control motion by specifying the number of steps to travel, direction and turn.
bo Looks						
Sound			•		Select and create sounds and control when they are heard, their duration and volume.	 Select sounds and control when they are heard, their duration and volume.





Threshold Concepts:	Code		Connect	Communicate	Computing Systems and Networks	Collect
	This concept involves developing an un sequences.		This concept involves developing an understanding of how to safely connect with others.	This concept involves using apps to communicate one's ideas.		This concept involves developing an understanding of databases and their uses.
	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Draw		 Control when drawings appear and set the pen colour, size and shape. 				Control when drawings appear and set the pen colour, size and shape.
Events			Specify user inputs (such as clicks) to control events.		•	• Specify user inputs (such as clicks) to control events.
Control						 Specify the nature of events (such as a single event or a loop).
Sensing						 Create conditions for actions by waiting for a user input (such as responses to questions like: What is your name?).
Problem Solving			•		Use logical reasoning to predict the behaviour of simple programs.	
Connect	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites. 	 Participate in class social media accounts. Understand online risks and the age rules for sites.
Communicate		 Use technology purposefully to create, organise, store, manipulate and retrieve digital content. 	•	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	
Computing Systems and Networks	 Recognise common uses of information technology beyond school. 					
Collect				Use simple databases to record information in areas across the curriculum.		
Y3 Computing	What does our school network look like?	Can a picture move?	Can a computer become a musical instrument?	How do computers sort information?	How do I publish work using a computer?	Can I code a game?
Outcome	To recognise the physical components of a network.	To create a stop frame animation.	To code algorithms to become music.	To create a branching database to identify different plants or animals.	To create a PowerPoint	To design and create their own maze projects.
Resource links		Imotion https://www.j2e.com/jit5#animate	https://scratch.mit.edu/projects/editor/?t utorial=getStarted	https://www.j2e.com/jit5#branch		https://scratch.mit.edu/projects/editor/? tutorial=getStarted
Glossary of terms						





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	This concept involves developing an ur	nderstanding of instructions, logic and	This concept involves developing an	This concept involves using apps to		This concept involves developing an
	sequences.		understanding of how to safely connect	communicate one's ideas.		understanding of databases and their
			with others.			uses.
	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Links to other	Number and place value: solve			Science – sorting activity	Science or History – Powerpoint for	
units	number problems and practical				historical figure or events. Fact File	
				Maths – sorting shapes, angles or	Ŭ	
	problems involving these ideas.			numbers.		
	Art - to improve their mastery of					
	art and design techniques,					
	including drawing, painting and					
	sculpture with a range of					
	materials [for example, pencil,					
	charcoal, paint, clay]					
	charcoal, paint, clayj					
Motion			Use specified screen coordinates		•	Use specified screen coordinates
			to control movement.			to control movement.
Looks			Set the appearance of objects and		•	Set the appearance of objects and
			create sequences of changes.			create sequences of changes.
Sound			Create and edit sounds. Control when		•	Create and edit sounds. Control
			they are heard, their volume, duration and			when they are heard, their volume
			rests.			duration and rests.
Draw			Control the shade of pens.		•	• Control the shade of pens.
Events			Specify conditions to trigger events.		•	• Specify conditions to trigger events.
Control						• Use IF THEN conditions to control
Sensing						events or objects.
Sensing			Create conditions for actions by		•	Create conditions for actions by
			sensing proximity or by waiting for a user			sensing proximity or by waiting fo
			input (such as proximity to a specified			a user input (such as proximity to
			colour or a line or responses to questions).			specified colour or a line
Variables and						or responses to questions).
Variables and Lists						
Operators						
Problem			Design and write increasingly more precise		•	 Design and write increasingly mor
Solving			algorithms for use when programming.			precise algorithms for use when
						programming.
						 Use logical reasoning to detect an
						correct errors in programs.
Connect	Contribute to blogs that are	Contribute to blogs that are	Contribute to blogs that are	Contribute to blogs that are	Contribute to blogs that are	Contribute to blogs that are
	moderated by teachers.	moderated by teachers.	moderated by teachers.	moderated by teachers.	moderated by teachers.	moderated by teachers.
	• Give examples of the risks	• Give examples of the risks	• Give examples of the risks posed by	• Give examples of the risks posed by	• Give examples of the risks posed	• Give examples of the risks posed
	posed by	posed by	online communications.	online communications.	by online communications.	online communications.
	online communications.	online communications.	• Understand the term 'copyright'.	• Understand the term 'copyright'.	• Understand the term 'copyright'.	• Understand the term 'copyright'.
	Understand the term	Understand the term	Understand that comments made	Understand that comments made	Understand that comments made	Understand that comments made
	'copyright'.	'copyright'.	online that are hurtful or offensive	online that are hurtful or offensive	online that are hurtful or	online that are hurtful or offensiv
	Understand that comments	Understand that comments	are the same as bullying.	are the same as bullying.	offensive are the same	are the same as bullying.
	made online that are hurtful or	made online that are hurtful or	Understand how online services	Understand how online services	as bullying.	Understand how online services
	offensive are the same	offensive are the same	work.	work.	Understand how online services	work.
	as bullying.	as bullying.			work.	
	Understand how online services	Understand how online services				
	work.	work.				





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	This concept involves developing an un sequences.		This concept involves developing an understanding of how to safely connect with others.	This concept involves using apps to communicate one's ideas.		This concept involves developing an understanding of databases and their uses.
	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Communicate		 Use some of the advanced features of applications and devices in order to communicate ideas, work or messages professionally. 	•		Use some of the advanced features of applications and devices in order to communicate ideas, work or messages professionally.	
Computing Systems and Networks	 Understand computer networks and their benefits. Understand how devices connect to the Internet. 					
Collect				• Devise and construct databases using applications designed for this purpose in areas across the curriculum.		
Y4 Computing	Can I believe what I read?	How are podcasts made?	How do I repeat commands?	How is data collected?	How do I edit an image?	Programming B - repetition and games
Outcome	To review information and images and decide whether they are true, honest and accurate,	To create and evaluate a podcast.	To create a program containing a count-controlled loop to design their own wrapping paper.	To propose a question that can be answered using logged data, plan how to collect the data and then collect and analyse the data.	To plan their own image by choosing from a selection of images, edit them to create their own project.	To design and build a game, following their algorithms, fixing mistakes, and refining designs in their work as they build.
Resource links		https://audacityteam.org/downlo ad	turtleacademy.com/playground fmslogo.sourceforge.net	Data Loggers	www.getpaint.net/doc/latest/index. html	Scratch.mit.edu
Glossary of terms						
Links to other units	PSHRE					
Motion			Use specified screen coordinates to control movement.		•	
Looks			• Set the appearance of objects and create sequences of changes.		• Set the appearance of objects and create sequences of changes.	• Use specified screen coordinates to control movement.
Sound		 Create and edit sounds. Control when they are heard, their volume, duration and rests. 	• Create and edit sounds. Control when they are heard, their volume, duration and rests.		•	 Create and edit sounds. Control when they are heard, their volume, duration and rests.
Draw			Control the shade of pens.		• Control the shade of pens.	• Control the shade of pens.
e Events			Specify conditions to trigger events.		•	• Specify conditions to trigger events.
Control			Use IF THEN conditions to control events or objects.		•	• Use IF THEN conditions to control events or objects.
Sensing			Create conditions for actions by sensing proximity or by waiting for a user input (such as proximity to a specified colour or a line or responses to questions).		•	 Create conditions for actions by sensing proximity or by waiting for a user input (such as proximity to a specified colour or a line or responses to questions).
Variables and Lists						Use the functions define, set, change, show and hide to control the variables.





Thre	shold Concepts:	Code		Connect	Communicate	Computing Systems and Networks	Collect
me		This concept involves developing an un sequences.		This concept involves developing an understanding of how to safely connect with others.	This concept involves using apps to communicate one's ideas.		This concept involves developing an understanding of databases and their uses.
		All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
	Operators			 Use the Reporter operators () + () () - () () * () () / () to perform calculations. 			
	Problem Solving & Evaluation			 Design and write increasingly more precise algorithms for use when programming. 			 Design and write increasingly more precise algorithms for use when programming. Use logical reasoning to detect and correct errors in programs.
	Connect	 Understand how online services work. Contribute to blogs that are moderated by teachers. Give examples of the risks posed by online communications. Understand the term 'copyright'. Understand that comments made online that are hurtful or offensive are the same as bullying. 	 Contribute to blogs that are moderated by teachers. Give examples of the risks posed by online communications. Understand the term 'copyright'. Understand that comments made online that are hurtful or offensive are the same as bullying. 	 Contribute to blogs that are moderated by teachers. Give examples of the risks posed by online communications. Understand the term 'copyright'. Understand that comments made online that are hurtful or offensive are the same as bullying. 	 Contribute to blogs that are moderated by teachers. Give examples of the risks posed by online communications. Understand the term 'copyright'. Understand that comments made online that are hurtful or offensive are the same as bullying. 	 Contribute to blogs that are moderated by teachers. Give examples of the risks posed by online communications. Understand the term 'copyright'. Understand that comments made online that are hurtful or offensive are the same as bullying. 	 Contribute to blogs that are moderated by teachers. Give examples of the risks posed by online communications. Understand the term 'copyright'. Understand that comments made online that are hurtful or offensive are the same as bullying.
	Communicate		 Use some of the advanced features of applications and devices in order to communicate ideas, work or messages professionally. 	•	Use some of the advanced features of applications and devices in order to communicate ideas, work or messages professionally.	Use some of the advanced features of applications and devices in order to communicate ideas, work or messages professionally.	
	Computing Systems & Networks	 Understand computer networks and their benefits. Understand how devices connect to the Internet. Recognise how the content of the WWW is created by people. 					
	Collect				• Devise and construct databases using applications designed for this purpose in areas across the curriculum.		
Y5	Computing	What is the best way to search the Internet?	How do we make a movie?	Do computers have feelings?	How do computers answer questions?	How are drawings created using a computer?	Can I make a quiz?
	Outcome	To explore how someone performing a web search can influence the results that are returned, and how content creators can optimise their sites for searching.	To plan, film and edit a short video.	To write code to allow a computer to sense temperature and sound?	To use a real-life database to ask questions and find answers in the context of a flight search based on set parameters.	To create a vector drawing by layering different objects?	To design, code, debug, test and evaluate quizzes.





Threshold Concepts:	Code This concept involves developing an understanding of instructions, logic and sequences.		Connect	Communicate	Computing Systems and Networks	Collect
·			This concept involves developing an understanding of how to safely connect with others.	This concept involves using apps to communicate one's ideas.		This concept involves developing an understanding of databases and their uses.
	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Resource links		IMovie	https://scratch.mit.edu/	https://www.j2e.com/j2data/	Publisher	https://scratch.mit.edu/
Glossary of terms						
Links to other units						
Motion			• Set IF conditions for movements. Specify types of rotation giving the number of degrees.		•	 Set IF conditions for movements. Specify types of rotation giving the number of degrees.
Looks			Change the position of objects between screen layers (send to back, bring to front).	ng	 Change the position of objects between screen layers (send to back, bring to front). 	
Sound						 Upload sounds from a file and edit them. Add effects such as fade in and out and control their implementation.
Draw						Combine the use of pens with movement to create interesting effects
Events			Set events to control other events by 'broadcasting' information as a trigger.		•	 Set events to control other events by 'broadcasting' information as a trigger.
Control			Use IF THEN ELSE conditions to control events or objects.		•	Use IF THEN ELSE conditions to control events or objects.
Sensing			Use a range of sensing tools (including proximity, user inputs, loudness and mouse position) to control events or actions.		•	 Use a range of sensing tools (including proximity, user inputs, loudness and mouse position) to control events or actions.
Variables and Lists						Use lists to create a set of variables.
Operators Problem Solving &			Write precise algorithms for use when programming.			Write precise algorithms for use when programming.
Evaluating			 Decompose code into sections for effective debugging. 			 Decompose code into sections for effective debugging. Critically evaluate my work and suggest improvements.





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		sequences.		understanding of how to safely connect	communicate one's ideas.		understanding of databases and their
		All all and man	Calabastiana	with others.	Log/Allfa come da efect	Kinge and Outgans	uses.
	Connect	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
	Connect	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems.
	Communicate	Choose the most suitable applications and devices for the purposes of communication.	 Choose the most suitable applications and devices for the purposes of communication. Use many of the advanced features in order to create high quality, professional or efficient communications. 	•		 Choose the most suitable applications and devices for the purposes of communication. Use many of the advanced features in order to create high quality, professional or efficient communications. 	
	Computing	Use search technologies					
	Systems & Networks	effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.					
	Collect				 Select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner. 		
TO	Computing	How do computers communicate?	What images am I allowed to use?	How do computers keep score?	How can a computer keep us oraganised?	How do computers build 3D objects?	Can a computer count?
	Outcome	To categorise different forms of internet communication.	To consider the implications of linking to content owned by other people and create hyperlinks on their own websites that link to other people's work	To design, code, debug and evaluate a game which uses variables.	To categorise different forms of internet communication.	To design, create and evaluate a computer 3D model/	To design, code, debug and evaluate a micro:bit-based step counter.
	Resource links		Google sites Powerpoint Canva	https://scratch.mit.edu/	Excel	https://www.tinkercad.com	https://makecode.microbit.org/





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	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Glossary of terms						
Links to other units						
Motion			Set IF conditions for movements. Specify types of rotation giving the number of degrees.		•	 Set IF conditions for movements. Specify types of rotation giving the number of degrees.
Looks			Change the position of objects between screen layers (send to back, bring to front).		•	 Change the position of objects between screen layers (send to back, bring to front).
Sound			 Upload sounds from a file and edit them. Add effects such as fade in and out and control their implementation. 		•	 Upload sounds from a file and edit them. Add effects such as fade in and out and control their implementation.
Draw B O			Combine the use of pens with movement to create interesting effects.		•	Combine the use of pens with movement to create interesting effects.
Events			Set events to control other events by 'broadcasting' information as a trigger.		•	 Set events to control other events by 'broadcasting' information as a trigger.
Control			Use IF THEN ELSE conditions to control events or objects.		•	Use IF THEN ELSE conditions to control events or objects.
Sensing			Use a range of sensing tools (including proximity, user inputs, loudness and mouse position) to control events or actions.		•	 Use a range of sensing tools (including proximity, user inputs, loudness and mouse position) to control events or actions.
Variables and Lists			Use lists to create a set of variables.		•	• Use lists to create a set of variables.





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	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Operators			Use the Boolean operators () < ()		•	 Use the Boolean operators () < ()
			() = ()			() = ()
			() > ()			() > ()
			()and()			()and()
			()or()			()or()
			Not()			Not()
			to define conditions.			to define conditions.
			Use the Reporter operators			Use the Reporter operators
			() + ()			() + ()
			() - ()			() - ()
			() * ()			() * ()
			() / ()			() / ()
			to perform calculations.			to perform calculations.
			Pick Random () to ()			Pick Random () to ()
			Join () ()			Join () ()
			Letter () of ()			Letter () of ()
			Length of ()			Length of ()
			() Mod () This reports the remainder after a division calculation			() Mod () This reports the remainder after a division calculation
			Round ()			Round ()
			() of ()			() of ()





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	This concept involves developing an un	derstanding of instructions, logic and	This concept involves developing an	This concept involves using apps to		This concept involves developing an
	sequences.		understanding of how to safely connect	communicate one's ideas.		understanding of databases and their
			with others.			uses.
	All about me	Celebrations	Amazing Animals	Isn't life wonderful	Kings and Queens	Let's explore
Connect	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used Collaborate with others online on sites approved and 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. Give examples of the risks of 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers. 	 Understand and demonstrate knowledge that it is illegal to download copyrighted material, including music or games, without express written permission, from the copyright holder. Understand the effect of online comments and show responsibility and sensitivity when online. Understand how simple networks are set up and used. Collaborate with others online on sites approved and moderated by teachers.
Communicate	 moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. Choose the most suitable applications and devices for the purposes of communication. Use many of the advanced features in order to create high quality, professional or 	 moderated by teachers. Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. Choose the most suitable applications and devices for the purposes of communication. Use many of the advanced features in order to create high quality, professional or 	online communities and demonstrate knowledge of how to minimise risk and report problems.	 Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. 	 Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems. Choose the most suitable applications and devices for the purposes of communication. Use many of the advanced features in order to create high quality, professional or 	Give examples of the risks of online communities and demonstrate knowledge of how to minimise risk and report problems.
Computing Systems & Networks	 efficient communications. To recognise how data is transferred over the internet. To explain and evaluate the ways in which computer networks including the internet provide the opportunity for collaboration and communication. 	efficient communications.			efficient communications.	
Collect			•	Select appropriate applications to devise, construct and manipulate data and present it in an effective and professional manner.		

