


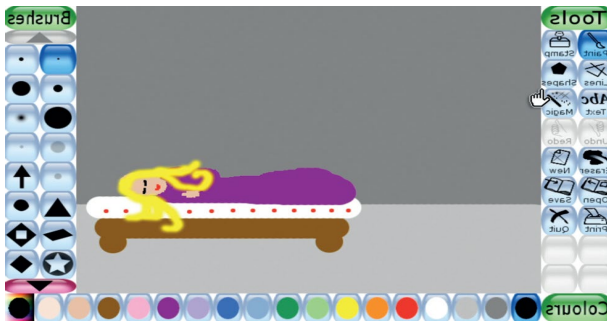




We Are TV Chefs.

Subject Specific Vocabulary		Software and Tools	Sticky Knowledge about Filming the steps of a recipe.
Algorithm	An algorithm is a clear sequence of instructions that allows a computer to solve a problem.	<p>Microsoft Movie Maker®: http://windows.microsoft.com/en-us/windows-live/moviemaker#t1=overview.</p> <p>iMovie (for Macs): www.apple.com/mac/imovie.</p> <p>iMovie app (for iOS devices): https://itunes.apple.com/gb/app/imovie/id377298193.</p> <p>Healthy recipe ideas: www.bbcgoodfood.com/recipes/collection/healthy-snack, http://uktv.co.uk/food/homepage/sid/6037</p>	<ul style="list-style-type: none"> • I can write and / or draw the steps of a recipe. • I can change my recipe to make it better. • I know what will happen when others use my recipe. • I can use a video camera to record video. • I can move files from the camera onto the computer. • I can edit video.
Clip	A short sequence taken from a film or broadcast.		
Edit	To choose material for a film and arrange it to form a sensible whole.		
Film	A story or event recorded by a camera as a set of moving images.		
Instructions	Detailed information about how something should be done.		
Robot	A machine capable of carrying out a complex series of actions automatically, especially one programmable by a computer.		
Video Camera	A camera for recording moving images.		
Recipe	A set of instructions for preparing a particular food dish.		
Unit Overview ...In this unit, pupils produce short videos of themselves making a healthy meal or snack. They also decompose a complex problem into smaller parts – an important idea from computer science.		E- Safety	
		<ul style="list-style-type: none"> • Check your internet filters are activated and appropriate. • Talk with your child about what to do if they encounter inappropriate material. Many schools operate a 'turn the screen off/turn the tablet over and tell an adult' system. 	




We Are Painters.

Subject Specific Vocabulary		Software and Tools	Sticky Knowledge about
Character	A person in a book play or film.	<p>Tux Paint is free and can be downloaded from http://tuxpaint.org.</p> <p>Microsoft Paint comes as standard with Microsoft Windows.</p> <p>Brushes is a free app for iOS: https://itunes.apple.com/gb/app/brushes-3/id545366251?mt=8.</p> <p>Sketch Book Express is also a free app, available for iOS and Android:</p> <p>See www.artpassions.net/fairytales/tales.html for illustrations from traditional tales.</p>	<ul style="list-style-type: none"> • I can use a paint programme. • I can edit an image • I can put more than one image onto a document. • I can save my work. • I can save my document into a portable format. Eg. PDF. • I can find images on the web • I know how to let my teacher know if I am worried about an image. • I can give helpful feedback to my friends. • I can see how digital images are created. • I can see how images are stored on a computer.
EBook	An electronic version of a printed book which can be read on a computer or a specifically designed handheld device.		
Edit	To choose material for a film and arrange it to form a sensible whole.		
Illustration	A picture showing part of a story from a book.		
Traditional Tale	A story that has been told and re-told for many years, and has become one that almost everyone knows.		
<p><u>Unit Overview</u></p> <p>This unit will particularly engage children who love the illustrations in the books they read. It is a great opportunity for the children to work creatively.</p> 		<p>E- Safety</p> <p>If children will be accessing the internet, ensure that access to inappropriate material is blocked by filters.</p> 	

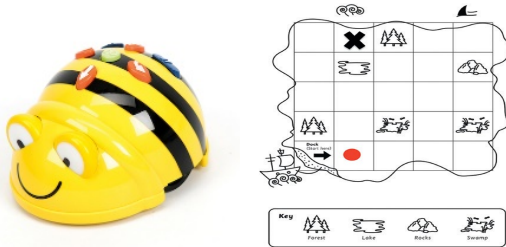
We Are Celebrating.

Subject Specific Vocabulary		Software and Tools	Sticky Knowledge about Creating a Card Digitally.
Celebrate	To acknowledge a significant or happy day or event with a social gathering or enjoyable activity.	Microsoft PowerPoint® and Microsoft Word. Microsoft Paint comes with Microsoft Windows. Openclipart library: http://openclipart.org . The National Education Network has a gallery of copyright-free images for use in education: http://gallery.nen.gov.uk/index.php .	<ul style="list-style-type: none"> ● I can type word and symbols. ● I can type carefully and check my work for mistakes. ● I can change the way words look in my card ● I can find pictures on the web. ● I can edit a picture to suit my card. ● I can put words and a picture together to make a card. ● I can listen to my friends' ideas and make my card even better. ● I can see how cards on paper and cards on the computer are different. ● I can save my work and open it when I next need it.
Copyright	Copyright is a legal means of protecting an author's work.		
Edit	To choose material for a film and arrange it to form a sensible whole.		
Greeting	A formal expression of goodwill, said in a written message.		
Keyboard	A panel of keys that operate a computer or typewriter.		
Save	To keep (data) by moving a copy to a storage location.	E- Safety	
Type	Characters or letters that are printed or shown on a screen	<ul style="list-style-type: none"> ● Check that Google's safe search filters are on. ● Use a adults email address if email is used to send the completed cards. ● Take precautions over the protection of the children's identity and copyright if they share work. ● Talk with your child about what to do if they encounter inappropriate material. Many schools operate a 'turn the screen off/turn the tablet over and tell an adult' system. 	
<p>Unit Overview: In this unit, pupils will have the opportunity to create a digital greetings card, which could be used for a religious festival such as Diwali or Christmas, pupils' birthdays, or simply to say thank you or good luck.</p>			 

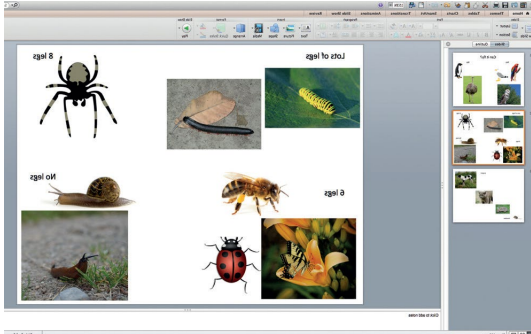
We Are Story Tellers.

Subject Specific Vocabulary		Software and Tools	Sticky Knowledge about Producing a Talking Book.
Copyright	Copyright is a legal means of protecting an author's work.	Microsoft PowerPoint® is part of Microsoft's Office suite: http://office.microsoft.com/en-gb/powerpoint . Free audio tracks of children's stories: http://storynory.com/archives/fairy-tales . Creative Commons licensed sound clips (www.freesound.org/browse) and backing music (www.jamendo.com/en).	<ul style="list-style-type: none"> • I can practise the sound effects for my book then record them. • I can listen to the sound effects and make them even better. • I can practise the dialogue for my book then record it. • I can listen to the dialogue and make it even better. • I can put the sound effects and dialogue together in my book. • I can save my work and open it when I next need it. • I can give helpful feedback to my friends.
Audio Book	A digital recording of a reading of a book.		
Microphone	An instrument used to amplify or record sound.		
Recording	The action of recording a sound to be used again.		
Sound Effects	A sound other than speech or music made artificially for use in a film or production.		
Talking Book	A recorded reading of a book.		
<p><u>Unit Overview</u> In this unit, the children create a talking book that they can share with others.</p> 		<p>E- Safety</p> <ul style="list-style-type: none"> • The children's performances may be uploaded to the learning platform or class blog. • Where children are reading others' stories, be aware of copyright and take care to observe any associated conditions. 	

We Are Treasure Hunters.

Subject Specific Vocabulary		Software and Tools	Sticky Knowledge about Using Programmable Toys.
Algorithm	An algorithm is a clear sequence of instructions that allows a computer to solve a problem.	<p>The Bee-Bot app is free. https://itunes.apple.com/gb/app/bee-bot/id500131639.</p> <p>Although more advanced, the Daisy the Dinosaur app provides a good platform for introductory programming: https://itunes.apple.com/gb/app/daisythedinosaur/id490514278.</p> 	<ul style="list-style-type: none"> • I can give and follow instructions. • I can record instructions. • I can program a toy. • I can give examples of input, program and output. • I can create a program. • I can spot and correct mistakes in a program (debug). • I can predict where a set of instructions will take a toy. • I can look for ways to make a programme work better.
Debug	The process of identifying and removing errors from a programme.		
Predict	To say or estimate that a specified thing will happen in the future or will be a consequence of something.		
Programming	To provide (a computer or other machine) with coded instructions for the automatic performance of a task.		
Robot	A machine capable of carrying out a complex series of actions automatically, especially one programmable by a computer.		
Treasure	A selection of precious metals, gems or other valuable objects.	E- Safety	
Unit Overview ...In this unit, the children will program a toy to move around a map to find buried treasure. They will start by thinking of algorithms for their routes, then input these as stored programs for the robot. They predict how the robot will move and will debug their programs.		If children will be accessing the internet, ensure that access to inappropriate material is blocked by filters.	

We Are Collectors.

Subject Specific Vocabulary		Software and Tools	Sticky Knowledge about Finding Images Using the Web.
Algorithm	An algorithm is a clear sequence of instructions that allows a computer to solve a problem.	<p>Microsoft PowerPoint®: see http://office.microsoft.com/en-gb/powerpoint.</p> <p>The National Education Network has a gallery of free images for use in education. See http://gallery.nen.gov.uk/index.php.</p> 	<ul style="list-style-type: none"> • I can look for pictures on the web. • I can copy a picture and put it in my presentation. • I can resize pictures and sort them in order of size. • I can choose the best pictures for my collections. • I can know how to let a grown up know if am worried about a picture. • I can add labels to my presentation.
Copyright	Copyright is a legal means of protecting an author's work.		
E-safety	Being aware of how to stay safe online.		
Mammal	Any animal that is mostly covered in hair, gives birth to live young, is warm blooded and feeds its young with milk.		
Private	Personal and not publicly expressed.		
Permission	To get authorisation to do something.		
Personal	Relating to or coming from a particular person or individual.		
<p><u>Unit Overview</u></p> <p>In this unit, the pupils will use web search engines to collect pictures of different types of animals and then explore ways in which those pictures can be organised.</p>		<p style="text-align: center;">E- Safety</p> <p>Discuss what pupils should do if they have concerns over any images or other content they encounter when using search engines. Many schools operate a 'turn the screen off/turn the tablet over and tell an adult' system.</p> <p>Think about how you will explain ideas of copyright to children. It would be wise to limit searches to Creative Commons licensed content, where some reuse is encouraged.</p>	<ul style="list-style-type: none"> • I know I shouldn't put my name or a photo of myself on the web. • I can see how drawings and photos are different. • I know that there are some pictures I can copy and some that I can't.