



Year 1 Computing

Autumn 2: We Are TV Chefs (Filming the steps of a recipe)

Session	National Curriculum Statement	WALT	Learning Outcomes (Success Criteria)	Resources	Vocabulary
<p>Subject Cultural Capital = Using & Applying computing knowledge to solve problems</p> <p>Differentiation = please see the differentiation for the EXC EM & SEND (Please see SEND pupils IEPs when planning)</p> <p>Minimum expectations to check for understanding during lessons = targeted questioning / mini whiteboards/ peer talk /thumb signs</p> <p>Long term memory skill development strategy = LAST, LAST, LAST linked to the WALT</p> <p>Literacy & Numeracy skills development = ICT vocabulary bank linked to the WALT & include numeracy skills where they are linked to the WALT in the weekly planning</p>					
<p>On Line Safety: Pupils learn how to use digital video cameras safely and to show respect to those they are filming, including recognising the need for consent and assent. The importance of not sharing videos more widely than is appropriate is considered, as is the need to exclude information that might identify individuals from video recordings. When using the web, pupils learn to turn off the screen (or turn over the tablet) and tell their teacher if they encounter material that concerns them. Pupils also start to learn about copyright, recognising that they own the copyright in their original work and that this cannot be published or copied without their permission</p>					
1. Jam sandwich instructions	Understand what algorithms are Recognise common uses of information technology beyond school.	To work out an algorithm (sequence of steps) for a common task.	Children understand that their recipes are examples of algorithms. Understand that robots need precise instructions and will do only what is programmed.	Camera Ipad Photo apps	Algorithm Instructions recipe
2. Our own recipes	Understand what algorithms are	To work out an algorithm (sequence of steps) for a common task.	Children will make a storyboard of their recipe. Understand that recipes are algorithms. Understand that some steps have lots of smaller steps called abstraction	Camera Ipad Photo apps	Algorithm Storyboard Instructions Film Abstraction

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3. Experimenting with the camera	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	To learn how to use different features of a video camera and how to record video on an iPad.	Children will have the opportunity to film, framing shots. Children know that they should shoot video in landscape mode. Children should understand that permission is needed for filming.	Camera Ipad Photo apps	Film Frame shot
4. Filming	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	To work collaboratively to film a recipe, using ground rules for filming	Children practise their recipes in groups and film. Children have the opportunity to direct, present and prompt for the film. Children have the opportunity to review and edit.	Camera Ipad Photo apps	Algorithm Film Edit Frame shot
5. Adding a commentary	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	To edit a video to include an audio commentary.	Children plan a commentary for their completed film Review and make changes and evaluate.	Camera Ipad Photo apps	Editing commentary
6. Reviewing our work	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	To discuss work and think about how it could be improved.	Children have the opportunity to view and evaluate each other's film clips.	Camera Ipad Photo apps	Algorithm Decomposition Pattern abstraction