

Computing
Year 1 and 2
Summer 1

Topic Data						
Rationale At Tilery we believe teaching data as part of the computing curriculum is essential to equip students with foundational skills for navigating an increasingly data-driven world.						
NC Objective select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information						
Links to other Subject/Topics.						
Inspiration for Aspiration Maths – links to the statistics Science – Collection of Data.						
Note that E Safety, although it is taught as a topic in computing it will be referred to throughout each lesson where computing is used.						
Key Content Year 1				Key Content Year 2		
				<ul style="list-style-type: none"> What information can an image give us? What is the pictograph showing me? How can I input data into a program? How can I arrange objects or pictures into lists or tables? How can I make a simple Y/N diagram to sort information? How to create and search a branching database? 		
Concepts						
Online	1	2	3	4	5	6
Internet Research						
Skills EYFS		Skills Year 1			Skills Year 2	
EYFS Vocabulary		Year 1			Year 2	
					<ul style="list-style-type: none"> Pupils learn to create and use a pictogram Pictogram Data Table Diagram List Tally Chart	
By the end of the topic <u>Year 1</u> children will: -				By the end of the topic <u>Year 2</u> children will: -		
				Be able to discuss the meaning of images in a pictograph and put this information into data		

	program such as numbers. The children will also be able to sort objects into lists or make simple tables. They should also be able to make a simple Y/N tree diagram to sort information.
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Assessment

Ongoing teacher assessment throughout the unit and assessment of end product.

Example

Children are to collect votes in from their peers and teachers around a subject of their choice, for example favourite colour or flavour ice cream. Children are then to input the data into an iPad and transfer the data into a graph.