Year 3 Computing

Summer 2: We Are Opinion Pollsters (Collecting and analysing data)

Session	National. Curriculum Statement	WALT	Learning Outcomes (Success Criteria)	Resources	Vocabulary
Subject Cultural Capital = Using & Applying computing knowledge to solve problems **Differentiation = please see the differentiation for the EXC EM & SEND (Please see SEND pupils IEPs when planning)** **Minimum expectations to check for understanding during lessons = targeted questioning / mini whiteboards/ peer talk /thumb signs** **Long term memory skill development strategy = LAST, LAST, LAST linked to the WALT** **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**					
On Line Safety: Pupils learn some of the legal and ethical requirements for designing online surveys and processing data. They also consider what information it would be appropriate for them to give in an online survey, and some implications of data processing. Pupils can use online tools for collaborating on survey design and analysis, considering how to use these appropriately. The survey itself could address issues of the pupils' attitudes to online safety.					
1. Planning the survey	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.	To plan a survey about a topic	Choose a topical subject for the survey (related to school life) Children are introduced to web based surveys	Laptops/desktops Google forms Google sheets Google slides Google drive	survey

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2. Developing questions	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.	To develop questions for a survey	Children know the principles of a good survey and know different types of questions to ask. Children can look critically at each other's questions.	Laptops/desktops Google forms Google sheets Google slides Google drive	Web based survey
3. Creating the online survey	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.	To create an online survey	Children can create an on line survey using the 'other' and 'required' option.	Laptops/desktops Google forms Google sheets Google slides Google drive	Web based survey
4. Collecting data	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.	To collect the data from the online survey	Children can share their surveys with class members and collect data.	Laptops/desktops Google forms Google sheets Google slides Google drive	Data protection Digital footprint surveys

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5. Analysing and evaluating data	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.	To analyse and evaluate data collected from the online survey	Children can analyse survey data using 'summary of responses' on google forms Children can copy and paste charts to google slides	Laptops/desktops Google forms Google sheets Google slides Google drive	Data protection Digital footprint surveys
6. Presenting the data	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.	To present data collected from a survey to others	Children can present their results to others.	Laptops/desktops Google forms Google sheets Google slides Google drive	Data protection Digital footprint surveys