Year 2 Computing

Summer 2: We Are Zoologists (Collecting data about bugs)

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 that when sharing photographs and geo-location information online, they need to consider the importance of keeping personal information private, for example not including names or photographs of people. Pupils are taught to respect rules for using digital equipment when out of the classroom, to ensure the equipment is kept safe, and that they are not so focused on using it that they become unaware of risks around them.					
1. Briefing and preparation	Use technology purposefully to create, organise, store, manipulate and retrieve digital content. Recognise common uses of information technology beyond school.	To understand the objectives of the unit and how a classification key and branching database can be used to classify invertebrates	Children can find and begin to classify invertebrates (bugs). Children can answer binary (yes or no) questions about invertebrates.	Google sheets Google slides Google maps iPads Chromebooks	Classification key Branching database Data binary
2. Bug hunting	Use technology purposefully to create, organise, store, manipulate and retrieve digital content. Recognise common uses of information technology beyond school.	To collect data using tick charts or tally charts and to take photos of the bugs they find	Children can complete a tally chart to record the location of bugs found. Children take photographs of bugs found.	Google sheets Google slides Google maps iPads Chromebooks	Classification key Branching database Data binary

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3. Working with photos	Use technology purposefully to create, organise, store, manipulate and retrieve digital content. Recognise common uses of information technology beyond school.	To edit and enhance photos	Children can edit and give a caption for photographs collected.	Google sheets Google slides Google maps iPads Chromebooks	Classification key Branching database Data binary
4. Working with data	Use technology purposefully to create, organise, store, manipulate and retrieve digital content. Recognise common uses of information technology beyond school.	To produce basic charts using Google Sheets	Children can create a chart of bugs found. Children can show data in a bar chart- include a title and label the axes. Experiment with the layout of the chart	Google sheets Google slides Google maps iPads Chromebooks	Classification key Branching database Data binary
5. Working with maps	Use technology purposefully to create, organise, store, manipulate and retrieve digital content. Recognise common uses of information technology beyond school.	To record information on a digital map	Children have the opportunity to explore google maps. Children can locate and add markers to their maps.	Google sheets Google slides Google maps iPads Chromebooks	Classification key Branching database Data Binary GPS
6. Summary and review	Use technology purposefully to create, organise, store, manipulate and retrieve digital content. Recognise common uses of information technology beyond school.	To create a presentation summerising what they have found	Children can work collaboratively to create a short presentation about their work.	Google sheets Google slides Google maps iPads Chromebooks	Classification key Branching database Data binary