

Love Reading		World Citizens		Be Aspirational	
Lesson	Learning Intention/End Points	Key Vocabulary (from SOW)	Key Skills (from NC)	Writing outcome (1 per unit)	Creative Curriculum Links
1	<p>To use a form to record information</p> <ul style="list-style-type: none"> I can create a database using cards I can explain how information can be recorded I can order, sort, and group my data cards <p>Go deeper task:</p>	Database, data, information, record, field, sort, order, group	In this lesson, learners will create a paper version of a record card database. Using a card template, they will create a data set, with each student creating eight to ten cards linked to a theme, e.g. animals. They will complete records for each of the animals in their database and then they will physically sort the cards to answer questions about the data		
2	<p>To compare paper and computer-based databases</p> <ul style="list-style-type: none"> I can explain what a field and a record is in a database I can navigate a flat-file database to compare different views of information I can choose which field to sort data by to answer a given question 	Database, data, field, record, sort, order	In this lesson, learners will use a computer-based database to examine how data can be recorded and viewed. They will learn that a database consists of 'records', and that each record contains 'fields'. In addition, they will order records in different ways and compare this database to the paper database they created in Lesson 1.		
3	<p>To outline how you can answer questions by grouping and then sorting data</p> <ul style="list-style-type: none"> I can explain that data can be grouped using chosen values I can group information using a database I can combine grouping and sorting to answer specific questions 	Database, record, field, group, search, sort, order	In this lesson, learners will investigate how records can be grouped, using both the paper record cards created in Lesson 1 and a computer-based database from J2E. They will use 'grouping' and 'sorting' to answer questions about the data.		
4	<p>To explain that tools can be used to select specific data</p> <ul style="list-style-type: none"> I can choose which field and value are required to answer a given question I can outline how 'AND' and 'OR' can be used to refine data selection 	Database, record, field, value, search, criteria	In this lesson, learners will develop their search techniques to answer questions about data. They will use advanced techniques to search for more than one field and will practise doing this through both		

Medium Term Plan**Year Group: Y5/6****Term: Spring 2**

	<ul style="list-style-type: none">I can choose multiple criteria to answer a given question		unplugged methods (without using computers) and using a computer database.	
5	<p>To explain that computer programs can be used to compare data visually</p> <ul style="list-style-type: none">I can select an appropriate chart to visually compare dataI can refine a chart by selecting a particular filterI can explain the benefits of using a computer to create charts	Database, record, field, graph, chart, axis, compare, filter	In this lesson, learners will consider what makes a useful chart, and how charts can be used to compare data. They will create charts from their data in order to answer questions about it.	
6	<p>To use a real-world database to answer questions</p> <ul style="list-style-type: none">I can ask questions that will need more than one field to answerI can refine a search in a real-world contextI can present my findings to a group	Database, field, record, graph, chart, presentation	In this lesson, learners will use a real-life database to ask questions and find answers in the context of a flight search based on set parameters. They will take on the role of a travel agent and present their findings, showing how they arrived at their chosen options. Presentations may be given between groups of learners, or by each group to the whole class, depending on the time available.	