

Year 5 Term 5

How sustainable is our way of life?

COMPUTING



Add hyperlinks and sound to documents.

Make informative choices about the organisation of the text, making sure it matches the audience and purpose. Edit as necessary.

Long-term Memory Knowledge:

Know how to use a computer programme to collect data from others: choose the appropriate question type and possible answers.
Demonstrate presenting data in different charts and suggest the benefits of each.

Key Vocabulary

data	facts and statistics collected for reference or analysis.
Multiple choice answers	respondents select one or more answers from a predefined list
Text answers	respondents answer questions in words.
Spreadsheet	an electronic document in which data is arranged in the rows and columns of a grid and can be manipulated and used in calculations.
Align	the positioning, layout, or arrangement of text, images, and data
Hyperlink	a link from a hypertext document to another location, activated by clicking on a highlighted word or image.

Progression in Resources:

Using a computer programme to write a questionnaire
Entering data in spreadsheets and aligning that data.

National Curriculum Links:

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.

Essential Prior Learning:

Data can be collected electronically.
A variety of charts can be produced using computers.
When typing, there are particular fingers that should be used for each letter on the keyboard.

Progression in Skill:

Collect data through multiple-choice and text answers (choosing the most appropriate) to answer a question.
Choose the most suitable chart to present the data and the most appropriate software to analyse it.
Format cells in a spreadsheet (font, bold, colour, border, currency, percentages, dates, align left, right or centre).
(Linked to Tart Making)
Type at greater speed, beginning to use multiple fingers on each hand.

Relevance

Now	Children know that opinions can be sought from others using a questionnaire and that data can be collated in a spreadsheet and that spreadsheet can demonstrate trends.
Future	Children understand how computers can help them to collect data on a variety of issues and whether collecting data like this is helpful.
Aspiration	Children are interested to learn more about computing perhaps by entering as a data analyst