

Computing — Year 6 (Autumn)

Big Data

Key vocabulary to remember and use in your learning

'Big Data'	large amounts of data used by governments and large companies to learn more about people
spreadsheet	a program that allows you to store and analyse data
infographic	a popular way of telling a story / representing information using pictures, facts and data
formula	a set of rules that a spreadsheet follows to carry out a task
cell	one square in a spreadsheet
row/ column	spreadsheets are laid out in rows (horizontal) and columns (vertical)
mode	the most common value
median	the middle value after they are laid out in order
mean	found by adding the numbers and dividing by the number of values
range	the difference between the highest and lowest value

Key knowledge to know and use

- Gather data and enter it into a spreadsheet
- Present data in different ways, including the use of graphs
- Analyse and evaluate data
- Create a spreadsheet
- Use simple formulae in a spreadsheets
- Become more digitally literate by being able to analyse digital content
- Explain that not everything they read is true or without bias
- Discuss how bias can mislead readers, and that there are multiple perspectives to many stories

Online Safety—Echo Chambers

It is important to get your news and information from lots of different online sources, otherwise it may be biased or only present one view of an event. This can be even more of a problem if you mainly get your news from social media, due to the way their algorithms work.



Charles Simonyi is a Hungarian-American software architect responsible for starting and leading Microsoft's 'applications group'. He built the first versions of Microsoft Word and Excel, which we use in school.

In 2007 he became the fifth ever space tourist, eventually making two trips to the International Space Station.

Charles Simonyi

