



LEARNING JOURNEY

COMPUTER SCIENCE

HOW DATA IS COMMUNICATED

Coming from:
Understanding
how data is
stored and
processed

GOLDEN
THREAD
QUESTION

Data affects every single topic in computer science. It is the “golden thread”. Without data, there would be no purpose to computers. Computers are used to input, process, communicate and output data. Therefore, the computer science learning journey is **the journey of data**. In this final part of the journey, you will explore how data is communicated across a network; the component parts of networks and how these operate; the role of the Internet; how data can be secured in a computer network and how this network security can be enforced by computing legislation. Finally, the journey of data will come full circle as you learn how the data which was originally input into a computer system is converted to information and presented on output devices.

KEY VOCABULARY:
Network, component, security,
legislation, information

