



LEARNING JOURNEY

COMPUTER SCIENCE

DATA STORAGE AND PROCESSING

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 next part of the journey, you will explore how data stored ready for processing; how it is processed and the architecture involved; the different “formats” of data and computational logic required to process it; the role programs and programming languages have to play and the importance of robust program design.

KEY VOCABULARY: Storage, processing, architecture, logic, programs/software, robustness, legislation

TUDOR HABITS

You will develop grit and resilience as you develop both systematic and computational thinking skills on this learning journey.

