

LEARNING JOURNEY

COMPUTING

PROGRAMMING WITH LISTS

GOLDEN
THREAD
QUESTION

This unit introduces you to how data can be represented and processed in sequences, such as lists and strings. The lessons cover a spectrum of operations on sequences of data, that range from accessing an individual element to manipulating the entire sequence. Great care has been taken so that the selection of problems used in the programming tasks are realistic and engaging: you will process solar system planets, book texts, capital cities, leaked passwords, word dictionaries, ECG data, and more!

TUDOR HABITS
You will develop grit and resilience as you use your computational thinking skills to learn more advanced programming methods with lists

VOCABULARY
List, element, string, iteration, variable

