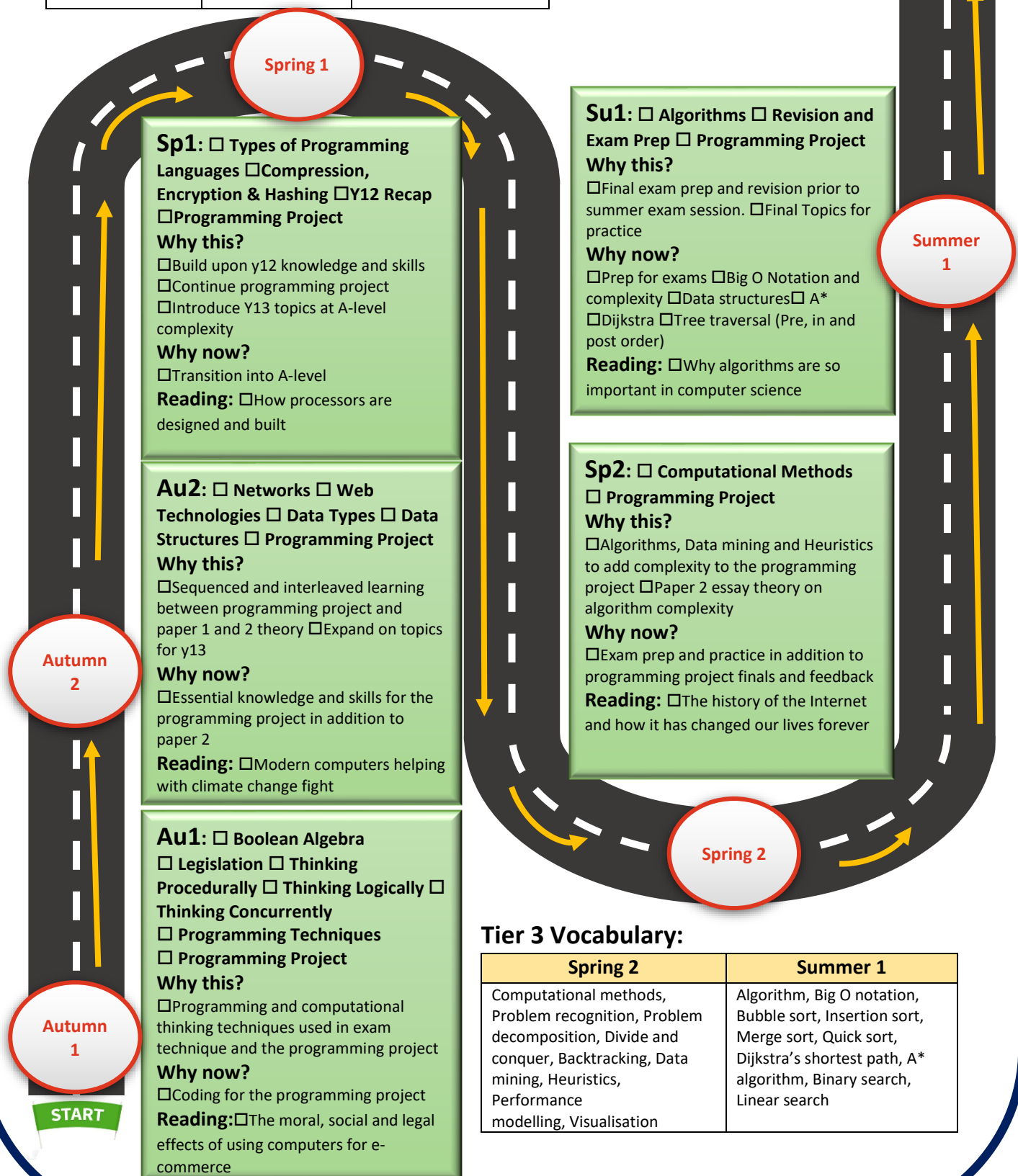


Year 13 CS Journey



Tier 3 Vocabulary:

Autumn 1	Autumn 2	Spring 1
Pipelining, CPU, Lexical analysis, Syntax analysis, Code generation, Optimisation, Linker, Loaders	Search engine indexing, PageRank algorithm, Server side & client-side processing	De Morgan's law, Distribution, Association, Commutation, Double negation, D type flip flops, Half and full adders



Tier 3 Vocabulary:

Spring 2	Summer 1
Computational methods, Problem recognition, Problem decomposition, Divide and conquer, Backtracking, Data mining, Heuristics, Performance modelling, Visualisation	Algorithm, Big O notation, Bubble sort, Insertion sort, Merge sort, Quick sort, Dijkstra's shortest path, A* algorithm, Binary search, Linear search