

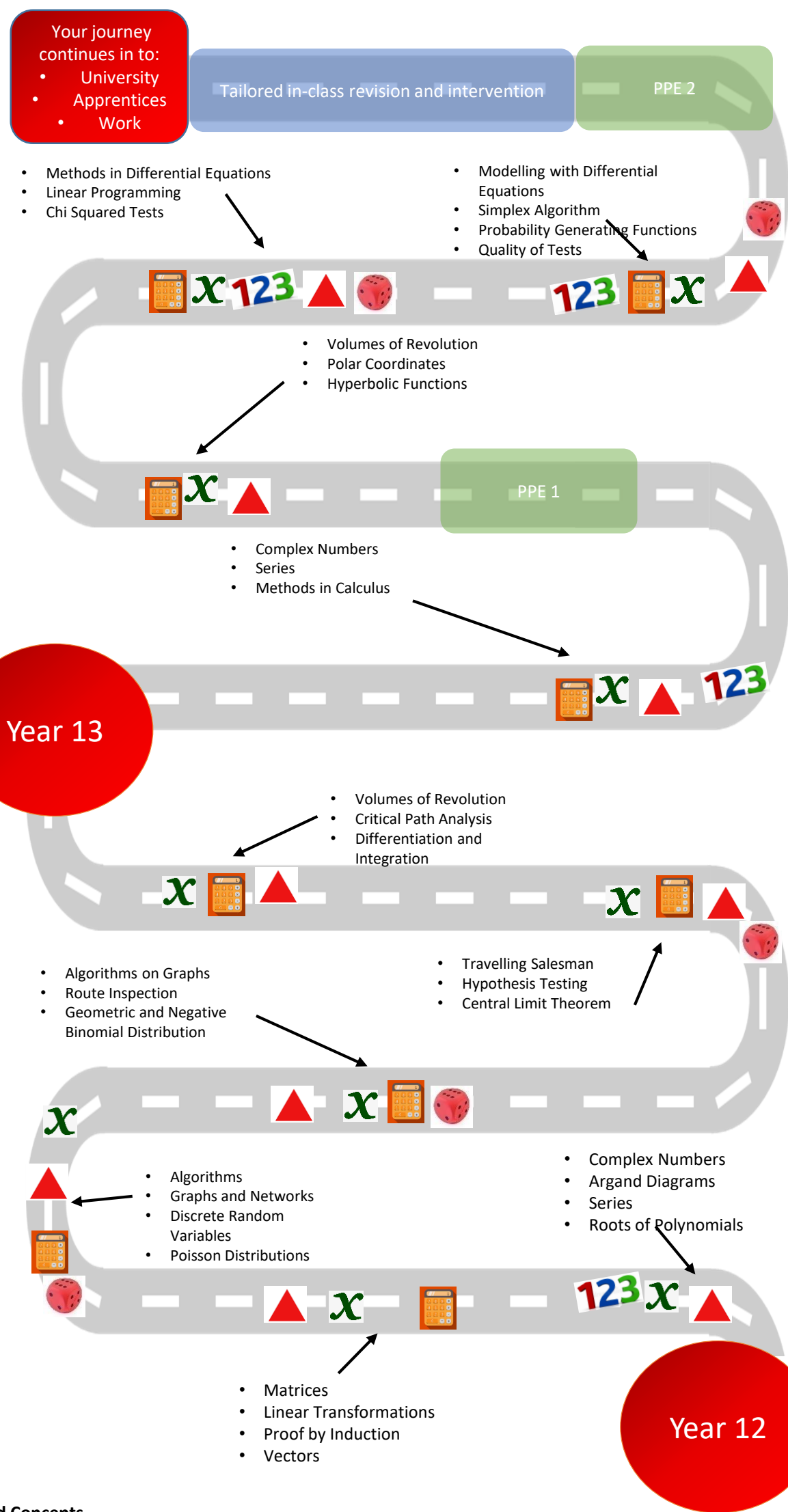


... Curriculum Road Map KS5 Further Maths



Careers – Architect – Geologist – Engineer – Accountant – Commodity Trader – Meteorologist – Investment Banker

Careers – Game Designer – Actuary – Medical Scientist – Mathematician – Teacher – Software Developer – GCHQ Analyst



Threshold Concepts

Algebraic manipulation

This concept involves recognising mathematical properties and relationships using symbolic representation

Number sense

This concept involves understanding the number system and how they are used in a wide variety of mathematical ways

Shape facts

This concept involves recognising the names and properties of geometry shapes and angles.

Multiplicative reasoning

This concept involves using ratio and proportion and understanding of reciprocals in real world applications

Representing and interpreting data

This concept involves interpreting, manipulating and presenting data in various ways.

Calculator skills

This concept involves fluent application of mathematical operations on a scientific calculator

Understanding and calculating risk

This concept involves knowing the rules of probability in the correct context