## WSAPC MATHS LEARNING PATHWAY MEDICAL

## The purpose of the Maths curriculum:

-At APC we encourage our students to develop their skills in reasoning, analysis, collaboration and self-evaluation so that they can meet mathematical challenges with confidence and enthusiasm.
-Students attending APC will be supported through a personalized curriculum with the help of our experienced staff team.
-They will explore new approaches to essential skills in small, nurturing groups which move at the pace of the individuals to identify gaps, address misconceptions and build on previous knowledge.

- Students will also be regularly assessed on 10 key areas which APC staff have identified as prerequisite topics for accessing further content.
- Students will focus on these fundamental thresholds as a priority, building conceptual understanding, developing prodedural fluency, and inspiring confidence and self-belief to prepare for their next steps.

Spring 1

F: Geometry, Probability
H: Algebra, Geometry, Statistics

## Spring 2

F: Number, Algebra
H: Algebra, Ratio, Geometry, Probability

F: Indice rules up to negative power and Standard form. Solving Equations, Simultaneous Equations, Simultaneous Equations and inequalities
Non-linear graph, Distance / time, Quadratic graph.
H: Circle Theorems,
Vectors, Probability combined events, Venn and Tree diagrams, and conditional prob. Algebraic fractions, Functions, Iterations, Graphs speed/time, velocity/time, area under graph, rate of change . Direct/Inverse proportion.

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Accountant
Maths teacher Computer programmer Insurance
Banking
Construction
Trader Astronaut


[^0]:    F:Pythagoras, Trigonometry, ratios, finding side and angle, without calculator, word problems, bearings. Congruency and similarity. Combined events, tree diagrams
    H:Pythagoras, Trigonometry SOHCAHTOA, Cosine and Sine rules. Quadratics - graph, equations by factors, formula and completing square. Simultaneous eqns. Sampling, Cumulative Freq. Box plots, Histograms.

