8H

Topics:

- NUM 6
  - Compare fractions
  - Percentage of a quantity
  - Problems involving ratios
- SSM 4
  - Upper and Lower bounds
  - Error intervals for rounded or truncated values
  - Metric area conversions
  - Metric volume conversions
- HD 2
  - Relative frequency
  - Expected frequency
  - Tree Diagrams with and without replacement
  - Venn diagrams set notations (AnB, AuB, A')
  - Draw Venn diagrams
  - Solve problems using Venn diagrams

8I

Topics:

- NUM 6
  - Turn a fraction into a decimal by division
  - Ordering a mixture of fractions, decimals, percentages
  - Fractions of a quantity
  - Percentages of a quantity
  - Compare fractions/decimals/percentages using inequality symbols
- SMM 4
  - Converting time to decimals
  - Solve problems involving the conversion of units in a range of contexts (metrics and imperial)
- HD 2
  - Work out the probability of an event not happening
  - Draw and use a sample space diagram
  - Mutually exclusive and Independent events
    - Use the AND OR rules for probability
  - Finding probabilities from simple completed Venn diagrams
  - 2 way table
  - Frequency trees

8F

Topics:

- HD 2
  - Express probability as a fraction
  - Use a probability scale from 0 to 1
  - Estimate the probability found from experiments
  - Compare experimental and theoretical probabilities
- SMM 3
  - Calculate perimeter
  - Area of compound shapes that can be split into rectangles
  - Use the formula for calculating area of triangle
- SMM 4
  - Read a timetable and calculate differences in time
  - Convert from one metric unit to another
  - Conversion of time to decimals