MATHEMATICS - YEAR 8

Sets and probability:
Identify and represent sets. Interpret and create Venn diagrams. Use the interaction and union of sets. Know and use the vocabulary of probability in relation to the probability scale. Generate sample spaces for single events. Calculate the probability of a single event and know the sum of probabilities is 1.

Prime numbers and proof:
Recognise and identify prime, square and triangular numbers. Find the HCF and LCM of a set of numbers. Write a number as a product of its prime factors. Make and test conjectures using counter examples to disprove a conjecture.