Corby Business Academy

Year 10 - Maths (Foundation) - Term 6 - Curriculum Overview

Week	Learning	Activities
Week beginning 1st June	**Quadratic Graphs** This week we will draw and interpret graphs of quadratic functions. We will then use the graphs to solve quadratic equations.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.
Week beginning 8th June	**Data collection** This week we will design and use a data collection sheet, a two-way tablet and a good questionnaire. We will discuss primary and secondary data and their advantages and disadvantages.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.
Week beginning 15th June	**Ratio** This week we will learn to write, simplify, convert and find ratios from amounts. This includes writing a ratio in the form 1:n. We will share a total in a given ratio including ratios of three parts. **School Learning: Prime factor decomposition** This week we will find the prime factor decomposition of positive integers, writing this as a product using index notation. We will find the HCF and LCM of two numbers using Venn diagrams and solve problems using them.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.
Week beginning 22nd June	**Proportion** This week we will use proportion to scale up/down recipes, convert between currencies and establish the best value for products. **School learning: Four operations with fractions** This week we will add, subtract, multiply and divide with fractions, focussing especially on mixed numbers. We will extend these operations to algebraic fractions and	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.

	understand that the same rules apply.	
Week beginning 29th June	**Consolidation of learning from Terms 5** This week we will revisit topics that have been covered in term 5 and close the knowledge gaps identified **School learning: Tree diagrams** This week we will use a tree diagram to show the probabilities of 2 or more events and calculate the probabilities of an event happening. This will include with and without replacement.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.
Week beginning 6th July	**Consolidation of learning from Terms 5** This week we will revisit topics that have been covered in term 5 and close the knowledge gaps identified **School learning: Standard Form** This week we will use standard form to represent large and small numbers and will order, add, subtract, multiply and divide numbers in standard form.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.
Week beginning 13th July	**Consolidation of learning from Terms 5** This week we will revisit topics that have been covered in term 5 and close the knowledge gaps identified **School learning: Solving linear equations** This week we will revisit how to solve linear equations including where the unknown is on both sides and equations involving fractions.	https://hegartymaths.com/ Follow the instructions and guidance to watch the video and work through the quiz. https://corbettmaths.com/ Worksheet taken from Corbett maths.