CURRICULUM PLAN – Mathematics

At Daylesford Academy we understand the importance of Maths and how it is a pivotal subject in everyday life situations from basic shopping, cooking, budgeting to various careers in engineering, teaching, and technology. Maths is the foundation for Scientific exploration, and technological innovations. We encourage our pupils to develop the ability to think logically and solve problems and gain a recognised qualification.

For pupils on the Explore Pathway, Maths is taught through Entry Levels that have eight components; after successfully completing these with a satisfactory pass, pupils will achieve a respective qualification. This qualification is taught by undertaking simple everyday life Maths, where pupils look at different components like managing money and understanding financial concepts. For pupils on the Discovery Pathway, Maths is taught through both Functional skills 1 and incorporating GCSE topics via a more 'hands on' and practical approach for example, solving quizzes and making Maths fun, linking Maths to everyday life situations and scenarios. Pupils will have an opportunity to complete an online AQA assessment and will gain a level 1 end of the year. Pupils can also access AQA Foundation GCSE Mathematics.

For pupils on the Inspire Pathway, they will undertake the learning journey that allows them to access the AQA Higher GCSE Mathematics examination.

EXPLORE	DISCOVERY	INSPIRE
•Number (ordering) •Four operations •Ratio •Money •Calendar and Time •Measure •Geometry •Statistics •OUTCOME - ENTRY LEVEL CERTIFICATES	•Using Number systems •Fractions, decimals & Percentages •Shapes space and measure •Handling data and information •Algebra •OUTCOME - FUNCTIONAL LEVEL 1 AND 1-5 IN AQA GCSE MATHEMATICS.	•Number: Fractions, Decimals & Percentages •Shapes, Space and Measure •Algebra and substitutions •Data handling (Statistics) •OUTCOME -AQA GCSE GRADE 4-9 IN MATHEMATICS