



At Bamburgh School our vision is that pupils will develop the **independence** that they need to lead fulfilling lives by knowing and achieving more throughout their educational journey. This vision underpins the curriculum offer in every subject, and informs our over-arching curriculum intent: to empower pupils **to understand and interact positively** with the world around them. The four elements which constitute our school motto (**aspiration, commitment, good manners and enjoyment**) are regularly re-inforced by staff and well-understood by pupils - providing them with an easily accessible route map to success.

Maths Curriculum Intent

Through the mathematics curriculum, our aim is to ensure that every child leaves our school with the **numeracy skills they will come across in everyday life** in order to **promote their independence** to **function successfully within their community**. Bamburgh students will leave our school **having reached their potential** within the subject; **with resilience and a 'can do' attitude** towards maths. They will have opportunities to **maximise their curiosity** and **enjoyment towards the subject** to facilitate **growing independence** within **their everyday lives**, **which will enhance their future learning** and give **them skills to last a lifetime**.

At Bamburgh School we take **pride in the fact that our carefully planned curriculum allows all children to make progress** and **reach the potential that is appropriate to the individual**. We have a spiralling curriculum where skills are regularly reviewed and extended and lessons are planned building on the previous knowledge and skills gained by students. Teachers support each other to deliver high quality lessons where **learning is embedded and sequential to facilitate long term retention**.

Regular assessments of knowledge, skills and application identify priorities for intervention and future delivery, and also **encourage students to reflect on their progress**.

At EY and Key Stages 1 and 2

In Key Stages 1 and 2, children will begin to **develop and then extend their understanding** of this vitally important subject, which is the foundation for **understanding our world**. We want our children to know the **purpose of their learning** and apply their knowledge, **with growing independence** to their **everyday lives**, **sparking a curiosity and excitement, which will last a lifetime**.

Our children learn in **fun ways**, for example, during whole school 'Drop Down Days,' which allows them to recognise that **maths is everywhere**. Learning through practical activities is prioritised, to enable them to develop a **sound knowledge of the early building blocks of maths**, which are **vital for their future learning, as they progress through the school**.

At Key Stages 3 and 4

All students will continue to develop their understanding of Number topics throughout their school career. This will include a deeper knowledge of how to apply mathematical concepts within real life situations: for example, calculating a total cost and change to be received, calculating the cost of items after a discount and comparing the prices of similar products.

Our students will also explore the physical world around them through geometry topics such as shapes, symmetry and direction; enhance their problem solving skills through algebra topics and develop their analytical and justification skills through data handling.