Maths Curriculum Intent Statement

**Intent:**

**What will our pupils experience throughout their Maths curriculum at Longcause?**

* Through the use of the White Rose schemes of work, pupils will access a progressive and sequential curriculum which uses strategies such as visualisation (CPA) before moving onto reasoning and problem solving in an aim to develop mastery of key concepts.
* They will have a bigger focus on Number, Calculations, Money and Time (through the coverage map) and will develop a range of Mathematical vocabulary that will help to support their communication needs.
* They will experience why Maths is important in their own lives and learn to apply these skills to real life situations.

**Why do we want this?**

Our main goal is to give pupils the opportunity to develop their understanding of basic Number, Calculations, Money and Time so that they are able to live more independent lives. We want pupils to develop their confidence and vocabulary so that they can start to explain, reason and solve problems in Maths and everyday life (including telling the time, different methods of payment and the value). We want them to become more flexible thinkers and learn that there is more than one way to solve a problem.

**Implementation:**

Our Maths curriculum is based on the [White Rose Scheme](https://whiterosemaths.com/)

**Explorers Primary**

-Pupils in Explorers Primary follow the EYFS and Year 1 schemes of work from White Rose (scheme A).

-Lessons are delivered everyday and follow a specific structure that incorporates the use of Mathematical stories and songs to support the pupils’ complex needs.

**Explorers Secondary, Adventurers (Primary and Secondary) and Year 11:**

**-**Maths is delivered on a daily basis and White Rose progression is followed from a reasonably adjusted curriculum map which prioritises areas such as Number, Calculations, Money and Time.

-Pupils are given opportunities through different visualisations (CPA) to develop fluency in each strand of Maths and will also allow them to develop understanding of Mathematical vocabulary.

-Pupils will access a daily recap on previous learning as well as money and learning will be linked to real life situations which will prepare them for KS4 Functional Skills accreditation (EL2-Level 2) or AQA Unit Awards depending on the needs of the individual pupil.

**Impact:**

Pupils will:

* Have a good understanding of basic Number, Calculations, Money and Time so that they can build their long-term memory and use these skills in real life situations whilst transitioning from EYFS through Explorers/Adventurers Primary and Secondary and onto KS4 accreditation and beyond the Longcause environment to enable them to live more independent lives.
* Be able to reason, explain and solve real-life problems. We want them to be able to build their resilience and ability to try different methods. We want our pupils to make progress in Maths but recognise that this will not always be in every strand of Maths.

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