

## Year 7 Baseline Assessment

### Mathematics Fluency

#### Guidance and Information

##### Who is the assessment for?

This assessment is for all Year 7 students.

##### When should it be used?

Ideally at the start of September to inform teachers of gaps in knowledge from KS2.

##### What is the aim of this assessment?

The aim of this assessment is to highlight knowledge gaps in key topics that underpin a lot of other mathematical content delivered in KS3 and KS4.

Through the use of a detailed QLA and follow up weekly fluency quizzes, gaps in knowledge can be closed to enable students to gain a secure toolkit of skills that will support them in year 7 and beyond. We will provide a follow up shadow paper in January to help you track progress in term 1.

##### What topics are included?

We have carefully selected topics from KS2 that act as prerequisites for content that is typically delivered in Year 7. To ensure that the assessment covered these key topics in depth, there are topics from KS2 that have been excluded.

We have included the following topics:

- Place value
- Negative numbers
- Addition and subtraction
- Multiplication and division
- Fraction manipulation
- Rounding
- Factors and Primes
- Area and perimeter

##### What type of questions are included?

We have included a balance of fluency (skills based questions) and problem solving questions. Performance on these types of questions will be highlighted in the QLA.