



Pye Bank Rapid Recall Agreement



Our Mission Statement

As part of our high-quality maths provision at Pye Bank, we ensure that all pupils leave school with fluent and fast knowledge of core number and multiplication facts. This is done through short, targeted sessions throughout the week, focusing on retrieval practice.

Key Principles

- Fluent and rapid recall of key multiplication and number bond facts frees up working memory during maths lessons, so pupils can focus on deeper, richer problems rather than the computation of basic facts.
- A progression of Rapid Recall through school ensures that pupils learn number bond facts and times tables in a graduated approach. This allows time for facts to be revised throughout the course of the academic year until fully embedded.
- The rote learning and rapid recall of times tables in the Rapid Recall sessions should be underpinned by quality first teaching during addition/multiplication teaching units. It is within the main teaching units that pupils should be exposed to a range of representations and a deep understanding of what addition/multiplication means.
- We believe that as well as being more successful in lessons, our pupils are better prepared for statutory testing in Y2, Y4 and Y6 through fast and fluent recall of these key arithmetic facts.

Shared Agreements

1) Content:

The content for each year group has been derived from the National Curriculum and based on end of Key Stage expectations.

	Expectation by the end of the academic year:
F1	
F2	Pupils are able to recall number bond facts up to 5 and 10. This includes the corresponding subtraction facts. e.g. $1 + 4 = 5$, $4 + 1 = 5$, $5 - 4 = 1$, $5 - 1 = 4$
Y1	Pupils are able to recall number bond facts up to 20. This includes the corresponding subtraction facts. e.g. $1 + 4 = 5$, $4 + 1 = 5$, $5 - 4 = 1$, $5 - 1 = 4$
Y2	2, 5, 10x table "recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100"
Y3	Pupils are able to calculate multiplication and division facts for the 3, 4, 5 and 8 times tables.
Y4	Pupils are able to calculate multiplication and division facts for the 6, 7, 9, 11 and 12 times tables. Pupils should recall any times table or division fact up to 12X12 within 6 seconds.
Y5	12X12 any order – mixed sets of tables e.g. 2,4,8s 3,6,9s
Y6	12X12 any order – mixed multiplication and division

2) Sessions

Rapid Recall sessions should be completed for around 10 minutes 3x per week. All pupils should be targeted and engaged during the entire session rather than individuals. This does not necessarily have to be part of the main maths session, but should be identified on the timetable.

A Rapid Recall session could include one or several of the following elements:

- Skip counting
- Chanting
- Quick fire questions on flashcards
- Looking at patterns within a particular times table e.g. all even numbers
- Sharing 'tricks' and mnemonics as memory aids: such as using fingers to support learning the 9x table
- Use of written times table sheets, such as those provided by Times Table Rockstars

Use of online recall games such as 'Hit the Button' and 'Times Table Rockstars' can and should be used to target individuals in interventions, or during whole class computing sessions, however teachers should avoid activities where only 1 or 2 children can take part at a time. ALL pupils should be answering ALL questions for the duration of the session.

3) Planning

It is the responsibility of the class teacher to identify which tables need to be taught and when, provided that by the end of the year pupils have all had the opportunity to achieve the end of year expectation outlined above. Teachers should ensure that any gaps identified in pupil knowledge (including from previous year groups) are planned into the Rapid Recall sessions, or addressed through interventions.

The number bond/times table foci for each half term should be added to the medium term plan.

4) Assessment

Teachers should keep a formal record of facts known by pupils on the spreadsheet on SharePoint/Staff Share within the maths folder. As part of best practice, this is updated continuously; at least every half term.

Assessment should be short, sharp and effective, with individual pupils being asked to recall multiplication and division facts within a reasonable amount of time (around 10 seconds for Y1-3, 6 seconds for Y4+). A teacher or teaching assistant can do this. Pupils do not all have to be tested at the same time, and this can be on going throughout the half term.