

Maths information for parents

The first four weeks

To aide pupils return to school we will be running a catch-up curriculum for the first four weeks of the Autumn term for Years 1 to 5. During these first four weeks teachers will be delivering lessons based on pupil's prior learning, with the aim of consolidating their existing maths skills that we prioritise in school.

| Year 3 | Monday | Tuesday | Wednesday | Thursday | Friday |
|--------------------------------|---|---|--|--|---|
| Week 1 (7 th Sept) | Addition (Numberline method, 2 digit add ones, 2 digit add tens, 2 digit add 2 digit no bridging, 2 digit add 2 digit bridging) | Addition (Numberline method, 2 digit add ones, 2 digit add tens, 2 digit add 2 digit no bridging, 2 digit add 2 digit bridging) | Baseline arithmetic | Addition (Numberline method, 2 digit add ones, 2 digit add tens, 2 digit add 2 digit no bridging, 2 digit add 2 digit bridging) | Subtraction (Numberline method, 2 digit subtract ones, 2 digit subtract tens, 2 digit subtract 2 digit no bridging, 2 digit subtract 2 digit bridging) |
| Week 2 (14 th Sept) | Subtraction (Numberline method, 2 digit subtract ones, 2 digit subtract tens, 2 digit subtract 2 digit no bridging, 2 digit subtract 2 digit bridging) | Subtraction (Numberline method, 2 digit subtract ones, 2 digit subtract tens, 2 digit subtract 2 digit no bridging, 2 digit subtract 2 digit bridging) | Multiplication (10x tables; fluency, language and patterns) | Multiplication (2x tables; fluency, language and patterns) | Multiplication (5x tables; fluency, language and patterns) |
| Week 3 (21 st Sept) | Multiplication (Mix) | Division (Sharing into 2 equal groups, link to halving) | Division (Sharing into 3 equal groups, link to thirds) | Division (Sharing into 4 equal groups, link to quarters) | Division (Mix) |
| Week 4 (28 th Sept) | Fractions (Find half of a shape, object or quantity) | Fractions (Find $\frac{1}{4}$ of a shape, object or quantity) | Fractions (Find $\frac{1}{3}$ of a shape, object or quantity) | Fractions (Find $\frac{1}{3}$ of a shape, object or quantity) | Fractions ($\frac{1}{2}$ and $\frac{2}{4}$ equivalence) |
| Week 5 (5 th Oct) | Impact arithmetic | Current year objectives, following the maths policy. | | | |
| Week 6 (12 th Oct) | Current year objectives, following the maths policy. | | | | |
| Week 7 (19 th Oct) | Current year objectives, following the maths policy. | | | | |
| Week 8 (26 th Oct) | Half term | | | | |

Example catch-up timetable.

As we have done in previous years there will be a short baseline assessment for arithmetic in the first week of school. This is based on the previous year's maths objectives and enables teachers to tailor their planning to the needs of the class and individual.

Year 6 pupils will follow the same starting structure as previous years; 1 week of arithmetic consolidation followed by a baseline set of mock SATs in week 2. Although this may seem daunting this enables us to finely tune our planning and content for individuals in Year 6 and gives pupils an understanding of the structure and procedures of the KS2 assessments. We have found in previous years that by doing this several times throughout the year pupils are comfortable and confident with the way that assessments are administered and they are less anxious about SATs in May.

Following this four-week period of catch-up content pupils will take a second arithmetic assessment, extremely similar to their baseline assessment, to check their

progress in those four weeks. Pupils will then start their current year's maths objectives.

Targets

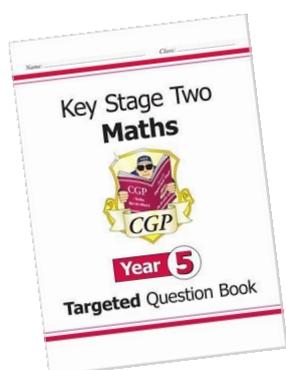
As per last year our targets are based around number facts and times tables knowledge. We will be using Numbots and TimesTables RockStars (TTRS) to monitor progress and set targets for pupils.



Autumn 1 targets will be based on pupil progress up until the end of August this year. All pupils will be told their current target by their class teacher. At the end of each half-term in Autumn pupils in Years 3-6 will take a 'gig' game to try and beat their previous gig score. There will be certificates for pupils that have improved their gig score and for those that have achieved a 100% score. We would ask that parents encourage their children to participate in Numbots or TTRS (Y3-Y6) games daily to improve their quick recall of number and timestables facts. Numbots is essential to **all pupils** as it greatly improves mental and written calculations. KS2 pupils can sign in to Numbots using their TTRS username and password.

Our TTRS battles with other schools were incredibly popular in the Summer so we'll be looking to set up more of these over this half-term.

Homework



All pupils in Years 1 to 6 will have a CGP homework book; Years 2, 3 and 4 will have a book focussed on timestables whilst Years 1, 5 and 6 will have a book that runs parallel to their maths curriculum. Teachers will put a label on each homework book that outlines the pages that need to be completed each week. The books do not need to be handed in weekly, we would like Year 3 and Year 4's books to be handed in at the end of week 6. Years 1, 5 and 6

will receive their books in week 5 and we would like those to be handed back on the first week back after half-term. Year 2 will receive their homework books in the spring term, once they have covered multiplication and division. For the Autumn term we will be asking Year 2 pupils to try and progress through their Numbots levels for homework. A timetable of homework to be set is shown overleaf:

| Autumn 1 | | | | | | | |
|----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Week 1 WC 07/09 | Week 2 WC 14/09 | Week 3 WC 21/09 | Week 4 WC 28/09 | Week 5 WC 05/10 | Week 6 WC 12/10 | Week 7 WC 19/10 |
| Year 1 | Numbots | | | | CGP Book | | |
| Year 2 | Numbots | | | | | | |
| Year 3 | CGP Book | | | | | | |
| Year 4 | CGP Book | | | | | | |
| Year 5 | TTRS | | | | CGP Book | | |
| Year 6 | TTRS | | | | CGP Book | | |

Supporting your children with Maths

Our website has a page dedicated to arithmetic methods, including our calculation policies and videos demonstrating the calculation methods.

<https://www.roche.cornwall.sch.uk/curriculum/maths/arithmetic>

We also recommend Jenny Eather's ' A Maths Dictionary for Kids' website as it has a wealth of clear explanations and examples of mathematical terms.

<http://www.amathsdictionaryforkids.com/>

If there is anything you'd like to ask regarding the information contained here, or for more information on supporting your child with maths please email:

maths@roche.cornwall.sch.uk

Looking forward to welcoming our pupils back!

Mr Moore

Maths Lead