



How to use the Resources Toolkit

MAP is a creative and adaptable approach to teaching counting, facts and strategies. It includes a vast and continuously growing toolkit of resources from which teachers can select and adapt to pitch any MAP session to the attainment levels of their children.

MAP includes sample progression documents, but teachers should feel free to adapt and extend these plans or simply to choose the best ideas and resources from the extensive Resources Toolkit. The information below has been written to help you understand the range of resources available at your fingertips, alongside some suggestions of how you might use them creatively with your children.

MAP includes the following sets of resources:

1) Number Fun Videos

The MAP-related Number Fun Videos (170+ altogether) have been licensed for use within MAP. Each video includes a Number Fun song, which is accompanied by visualisation, animation, story and humour. They also include key mathematical vocabulary and definitions. They are extremely powerful tools for engaging children in mathematical learning.

Check out the Interactive PDF tool to search through the Number Fun videos that are linked to MAP to see how powerful they are in supporting and involving children in counting, learning facts and developing mental strategies. Many of the MAP objectives can be covered by several different videos

NOTE: There is a vast array of over 500 original Number Fun videos in total which can be found in the Partner Content on the EuHu Portal. Each video tackles one specific objective or learning objective from the mathematics curriculum. The full set of videos cover all 10 domains of the national curriculum and are used by schools to provide a creative and engaging layer to help bring a full mathematics scheme of work to life.

2) Number Fun Mental Strategies Visual Calculation Policy

This has been developed and used in schools for many years. It is now completely updated for MAP and shows the range and progression of mental strategies across all four operations from Year 1 to Year 6.

The Progression Overview documents help teachers understand the progression of each strategy and include thumbnails of the individual posters. These posters can be displayed on working walls, arranged for more permanent display or included as part of a PowerPoint presentation.

NOTE: The Mental Strategies VCP is part of a wider suite of progression documents. Check out the numberfun.com website for details of the Written Calculation Strategies and the Concrete and Pictorial representations documents. Also available are Bar Model, Fractions, Place Value and Algebra Visual Policies.





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3) Number Fun Characters, with Catchphrases and Posters

Embedded within the Number Fun Videos and the Mental Visual Calculation Policy are a set of Mental Strategy Characters. Each character is an influencer for their strategy. They have their own set of videos, their images on the VCP posters and their own catchphrase.

The Parrot (Manipulate the Calculation), Roana (Round and Adjust), Papa Titoning (Partitioning), Kangaroo (Counting On) and the Sneaky Criminals (Number Facts) represent their strategies across all four operations.

The Chimp (Counting Back - Subtraction), Chip the Chopper (Halving - Division) and the Doubling Twins, Amir and Amira (Doubling – Addition and Multiplication) appear in their respective operations.

For each operation there is an acronym for children to learn which will help them remember the strategies for each operation. Each acronym has its own character. For example, in addition, the acronym MC RAPA CoODA NumFa is the rapper character who brings all six mental addition strategies together.

The Resources Toolkit includes a set of posters which can be printed out for use on a Mental Strategies display within each classroom.



4) Number Fun Mental Strategies Visual Calculation Policy

Games are a powerful tool for engaging children in meaningful learning. There are various sets of games and activities available for you to download and utilise as you wish. These sets include:

- Digit Card Games
- Dice Games
- Times Tables Games
- Mental Strategy Games
- Counting Activities
- Learning Fact Activities
- Target Boards
- Speed Grids
- Reasoning Card & Factor Card Activities



5) Downloadable PDFs

MAP includes a comprehensive set of nearly 100 downloadable trading cards and photocopiable resources for you to use with your children. These PDF documents explore MAP within Place Value and Number, Calculation, Counting, Fractions, Measures and Shape. Follow the links to check out these powerful resources.



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6) Physical Products

Where possible we have linked MAP to the excellent set physical resources available from Findel Education through their HOPE brand. There are several Number Fun/MAP resources becoming available through HOPE, including our extremely powerful set of Reasoning Cards.



7) Assessment

Finally, MAP also includes termly sets of Mental Strategy Assessment Challenges. These assessment documents will help you assess your children's developing knowledge and use of the 6 mental strategies taught as part of MAP and found within each operation.