

Quick Look

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Supplement your Numicon by going digital!

Numicon Online saves you time by bringing together all the support you need to introduce and implement Numicon in your school. Whether you've a focus on mastery, manipulatives, or intervention, everything is in one place, with new and improved navigation to ensure you find what you need easily.





Key features

- Bring maths concepts and learning to life with the flexible Interactive Whiteboard Tool, offering an array of digital apparatus and imagery to support a Concrete Pictorial Abstract approach.
- Engage children through a range of topics with a bank of activity sheets and photocopy masters.
- Know where your children are at and inform future teaching and learning with assessment and tracking resources.
- Develop your own professional knowledge with a range of PD videos and support from expert Numicon consultants.
- Save time through the digital **Teaching Handbooks** which provide all the resources you need to teach a maths lesson in one place.
- Streamline planning with curriculum and planning materials.



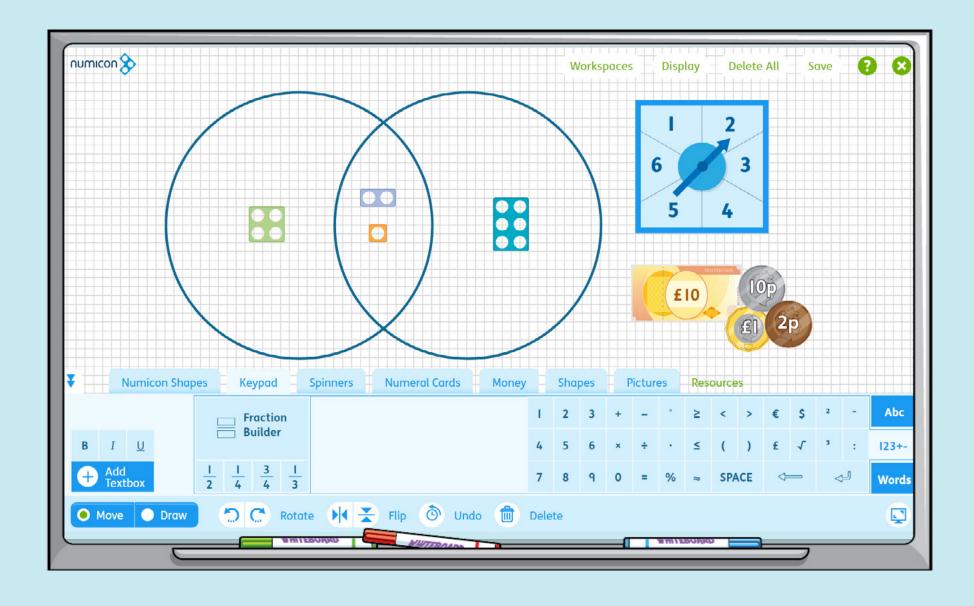


IWB Software

The award-winning Interactive Whiteboard Software helps you bring mathematical concepts and learning to life. This flexible teaching tool allows you to manipulate and use a wide range of apparatus, create models, set up questions and save your screens.

- Workspaces Wide variety of workspaces including an interactive times table square and pan balance, number lines, rod tracks, baseboard with number bonds and more!
- Resources Numicon Shapes, money, pictures, counters, numeral cards, base ten apparatus, pegs, interactive spinners and more!
- **Display** Includes specially designed font and coloured backgrounds, which can help support children with dyslexia or other learning difficulties.
- Saving feature Pick up where you left off by saving your workspaces.

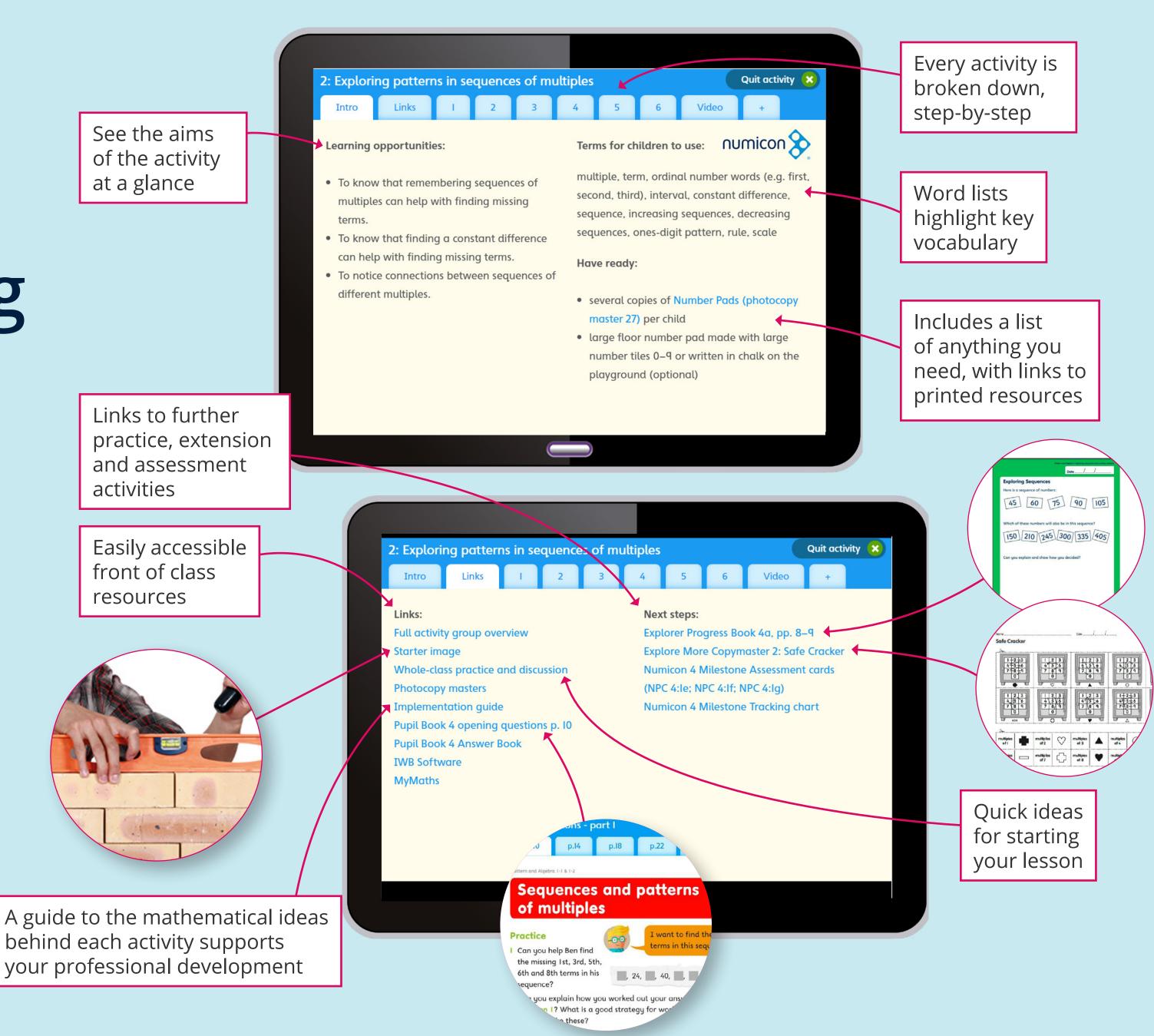






Numicon Teaching Handbooks

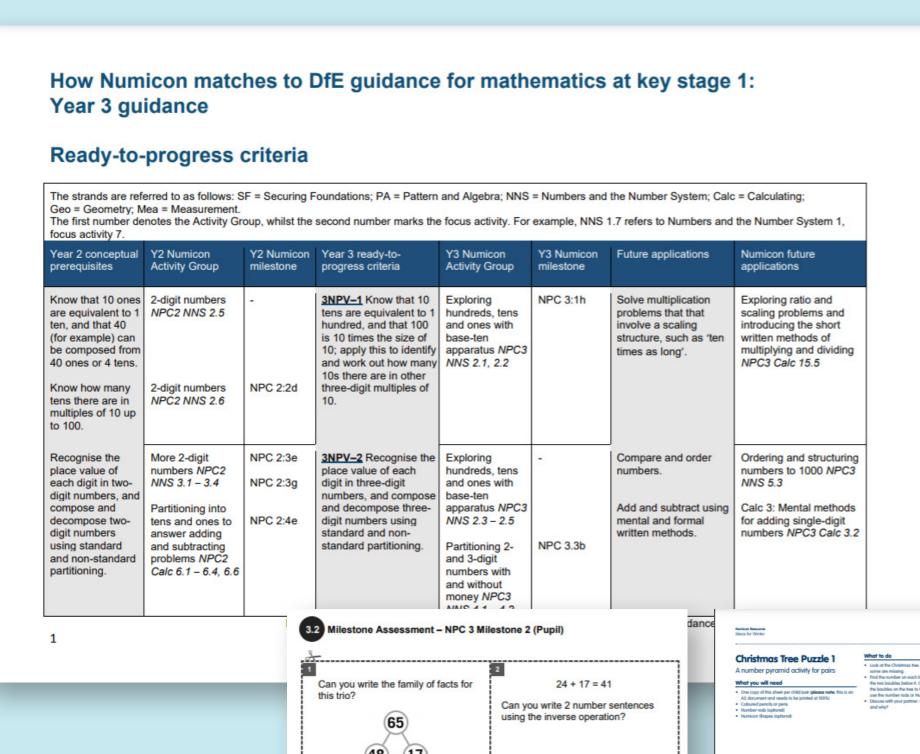
The digital Teaching Handbooks have been created to save you time; you can access all the planning and classroom resources you need in one place. The Teaching Handbooks provide the rigour and pedagogy of the Numicon approach, but in a searchable, accessible package. Including all the support, professional development and teaching resources that you will need to deliver full lessons.

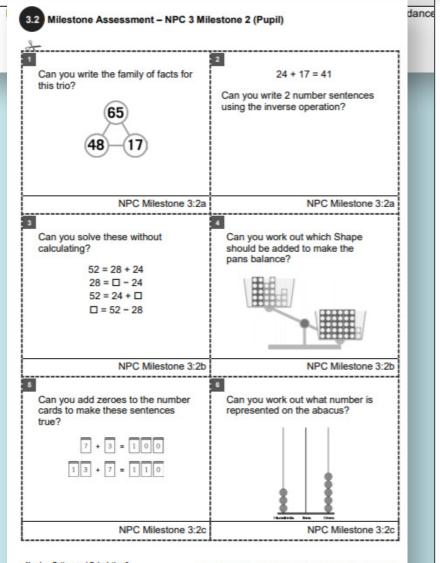


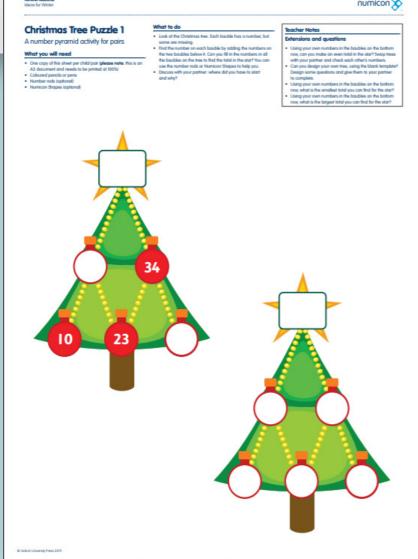


Further planning and teaching resources

- Curriculum and planning resources.
 Including matching charts to Te Mātaiaho, The New
 Zealand Curriculum, and support for mixed-age teaching.
- Assessment resources
 Including tracking sheets, summative assessment resources and Numicon Milestone Assessment Cards (a questions and answer tool children can use for self-assessment.)
- Activity sheets and photocopy masters
 Including a range of activity sheets and PCMs that can be used flexibly either at home or at school to engage children with a range of topics.







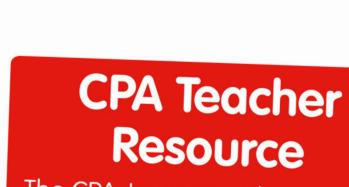


Professional development resources

A series of useful guides and videos designed to develop knowledge and skills around mathematical teaching and using Numicon within the classroom.

How to: Algebra using the Pan Balance Louise Pennington shows how to use the Numicon Pan Balance to help children with algebra (1 min 1 sec) **Numicon Bar Modelling Teacher Resource** 66666 em. These could be drawings or Over 30

Over 60 teacher support videos



The CPA Journey, with Examples from Numicon Activities

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Over 60
IWB activity
videos and
accompanying
teacher notes

Over 30 professional development resources

Bruner's emphasis on teaching for understanding is fundamental to mastery teach and the basis of the Concrete-Pictorial-Abstract (CPA) approach. The Numicon approach to mathematics emphasizes the importance of making abstract conceptions to children using concrete models and pictorial representations. Numiconsciples the use of models and images continuously and consistently throug EYFS, KS1 and KS2 (or equivalent) to enable all children to interpret mathematics illustrating their own thinking and understanding.

A bar model is not a tool for performing a calculation, nor a calculation method in itself. It enables children to make decisions about which calculation and operation is needed in order to solve the problem but does not support children's decisions about how to go about that calculation. It is important therefore to incorporate discussion about the many possible methods to solve the problem, and to compare different calculation approaches. This will support children's decisions about efficient and appropriate calculation methods when solving problems.



Find out more:



Book a walkthrough of Numicon Online Contact Edushop



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