



## Resources for supporting maths difficulties

### GL Assessment – Dyscalculia screener

[www.gl-assessment.co.uk/products/dyscalculia-screener](http://www.gl-assessment.co.uk/products/dyscalculia-screener)

Age 6-14+ yrs

Screener looks at: number comparison - select the larger of two numbers, arithmetic achievement (addition & multiplication at speed), dot enumeration - estimate numbers up to 9 in an array, speed of response

**Power of 2** books - highly structured approach with built in repetition, clear explanations, designed to appeal to all ages. Cost approx £20

- Number bonds to 10
- Doubling, halving
- Addition and subtraction
- Rounding, multiplying, dividing
- Fractions and worded problems
- Mental maths for the new Mathematics Curriculum



<http://www.powerof2.co.uk/>

**Wave 3 materials:** supporting children with gaps in their mathematical understanding

Materials from the National Strategies aimed mainly at Key Stage Two students.

- applicable to any student who, for any reason, demonstrates fundamental errors and misconceptions
- focus on the most commonly occurring types of mathematical difficulties with number and calculation
- aim to increase students' rate of progress by providing focused teaching activities which tackle fundamental errors and misconceptions
- questions that can be used to help teachers decide where the student's difficulties lie
- photocopiable resource sheets and games

<https://www.stem.org.uk/elibrary/resource/29225>

[www.ronitbird.com](http://www.ronitbird.com)

Useful website for video on dyscalculia and helpful resources for parents.





Reasonably priced hands on resources developed by teachers

<http://www.synergy-group.co.uk/maths-teaching-resources>

[www.mathematicshed.com](http://www.mathematicshed.com)

Great maths teaching resources – songs, videos, games, themed activities and links.

**Maths Intervention Shed** – links to resources and intervention materials such as Springboard (Y3 & Y7 catch up programme), Big Maths, Y1 Catch Up Programme

<https://www.youcubed.org/>

Website of Stanford University/Jo Boaler. Goal to inspire, educate and empower teachers of mathematics, transforming the latest research on math learning into accessible and practical forms. Provides research based teaching methods, math tasks, videos, and ideas.

**Steve Chinn – Maths Explained**

<https://mathsexplained.co.uk/>

Maths Explained is a collection of video tutorials that teach understanding for basic facts and for many of the key maths topics, such as fractions and division. Cost £60 for full set.

**Books by Steve Chinn**

**The Trouble with Maths** - a practical guide to helping learners with numeracy difficulties

**More Trouble with Maths** – a complete guide to identifying and diagnosing mathematical difficulties

**CALL Scotland – wheel of ipad apps** for learners with numeracy difficulties

<https://www.callscotland.org.uk/downloads/posters-and-leaflets/ipad-apps-for-learners-with-dyscalculianumeracy-difficulties/>

