

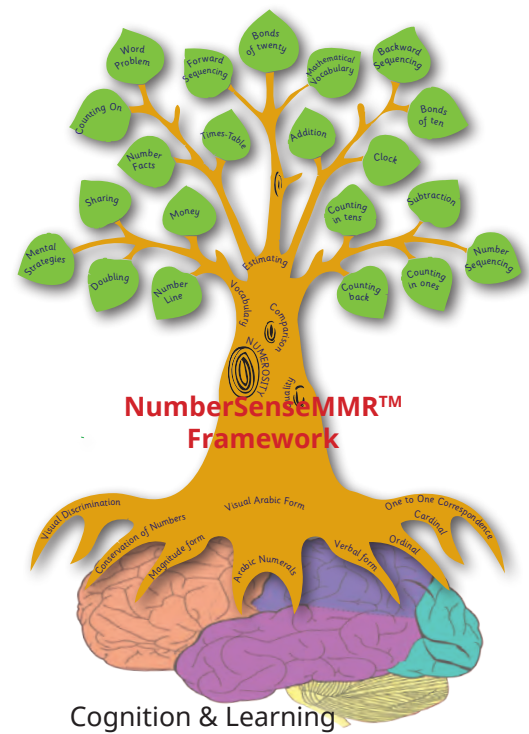
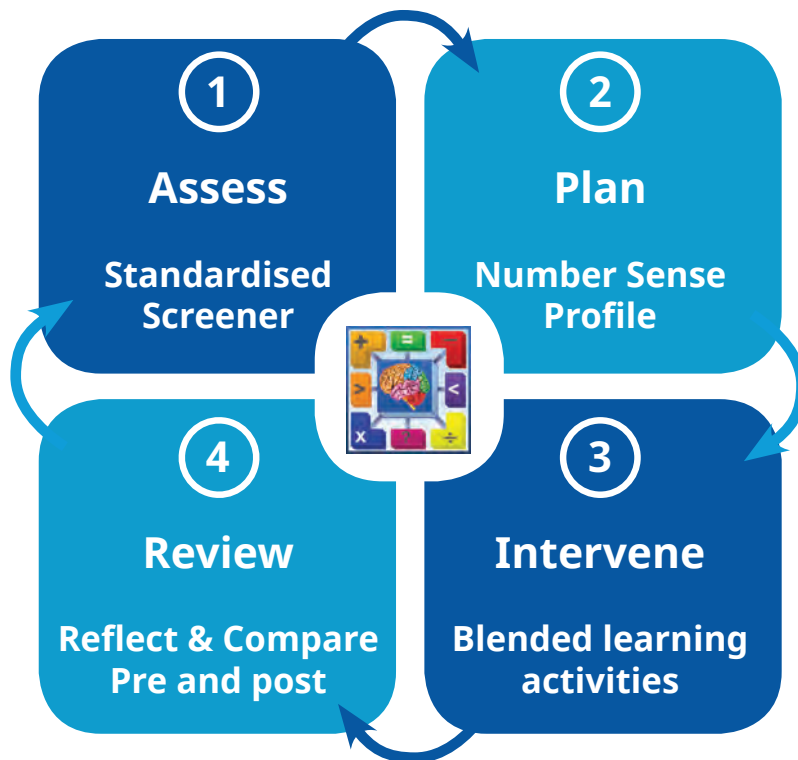
Dyscalculia

Dynamo Maths

Ages

6 - 14

Supporting children
struggling with maths



- ✓ Proven success
- ✓ Easy to use
- ✓ Inclusive learning tools
- ✓ Research & evidence-based



Request a
FREE
School Trial



Dynamo Maths

Tel: 086 111 3973

www.dynamomaths.co.za

Dynamo Assessment

Dyscalculia standardised screener

A simple and easy to administer online screener baselined for ages 6, 7, 8 and 9.

1. Identifies pupils at-risk of dyscalculia and maths developmental delays.
2. Delivers an Individual Support Plan and Scheme of Work.
3. Provides standardised scores and percentile rank.

Individual Number Sense Profile

Assessment (SDP801)



Average 30 minutes online test

The screener has been developed from research in neuroscience, dyscalculia, early childhood development and education.

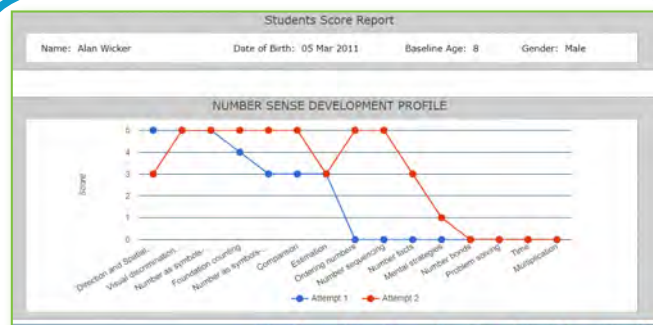
The NumberSenseMMR™ is correlated by the **University of Oxford**.



Individual Support Plan and Scheme of Work

PERFORMANCE PROFILE			
Name : Chris	Age : 7	Gender : Male	
Assessment Date : 06 Mar	Time Taken : 12m	Student response : Not selected	
STRAND	PERFORMANCE (The child has achieved with the strand)	SCORE	DYNAMO MATHS PROGRAMME INTERVENTION and REMEDIATION
Directional and Spatial Orientation This part of the assessment involves looking and placing using your sense of directionality within a simulated area where objects are falling at different speeds in different parts of the screen. This task requires visual attention, spatial processing, visual motor skills with hand-eye coordination of the left and right hand keys.	You sometimes found it hard to catch the objects and move quickly between the left and right key. Do you find that it is hard to discriminate left from right or were the objects falling too quickly to catch?	2	
Visual discrimination Our visual appreciation and discrimination skills are related to the following visual skills: Visual awareness, attention, fixation, tracking, scanning, discrimination, spatial relations, memory and visual motor co-ordination. This assessment looks at how well you can discriminate regular and irregular patterns, use your visual recall memory and approximation skills.	The results show that your visual discrimination: visual memory and approximation skills are secure.	3	Skills secured
Computation Computing involves the skills of visual interpretation, using appropriate symbols, vocabulary and words and applying this important skill to ordering and estimating.	The results show that you can apply mathematical symbols and have a good grasp of computing and relating numbers.	5	Skills secured
Estimation Estimation is an important skill used in everyday life.	You found estimating positions of numbers on an empty number line to be quite tricky.	1	DynamoMaths 5.17 Number Line Reading DynamoMaths 5.18 Number Line Writing

Compare Pre and Post Scores



Dynamo Intervention

Multi-sensory remediation

A personalised blended learning intervention that provides three important pathways to support children develop a number sense.

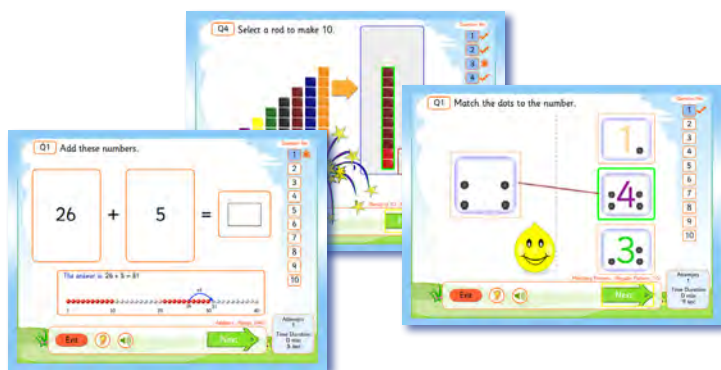
1. Online interactive modules.
2. Dynamic Worksheets and Lesson Plans with printable resources.
3. Assessment for Learning Progress Reports

(DMS101)

Lesson Plans

Ready-made Lesson Plans with Printable Resources

600+ Lesson Plans written by dyscalculia experts. They provide a social focus and strengthen the skills of thinking, reasoning, communication, language, self-evaluation and reflection.



Interactive Online Modules

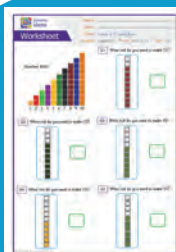
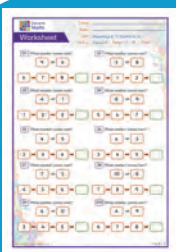
Practice and Reinforcement with Visual Models and Images

600+ Number models and images supported by audio and visual stimuli. Performance, progress and mastery are easily monitored.

Dynamic Worksheets

Provide evidence of errors

Unlimited dynamic worksheets to confirm hand written errors and gather additional observations.



Progress Monitor and Awards:

Assessment for Learning reports, score and measurement

- Aligned to CAPS and SIASS Policy
- Motivational Awards and Certificates

Student Name	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Student Name															
Teacher Name															
Parent Name															
Class Teacher															
Subject Teacher															
Assessment															
Teacher Name															



Inclusive Classroom and Catch-up Support

Supporting CAPs and SIASS Policy

Dyscalculia:

- 5-6% of the population experiences this severe maths learning difficulty.
- The researched and validated NumberSenseMMR™ developmental framework provides the structure for dyscalculia assessment and intervention.

Some signs of dyscalculia:

- Inability to tell which of two numbers is larger.
- Reversing digits
- Frequent difficulties with Number Facts; confusing signs: +, -, x, ÷
- Difficulty with times tables and mental arithmetic.
- Difficulty with money and keeping time.
- Difficulty with estimating.

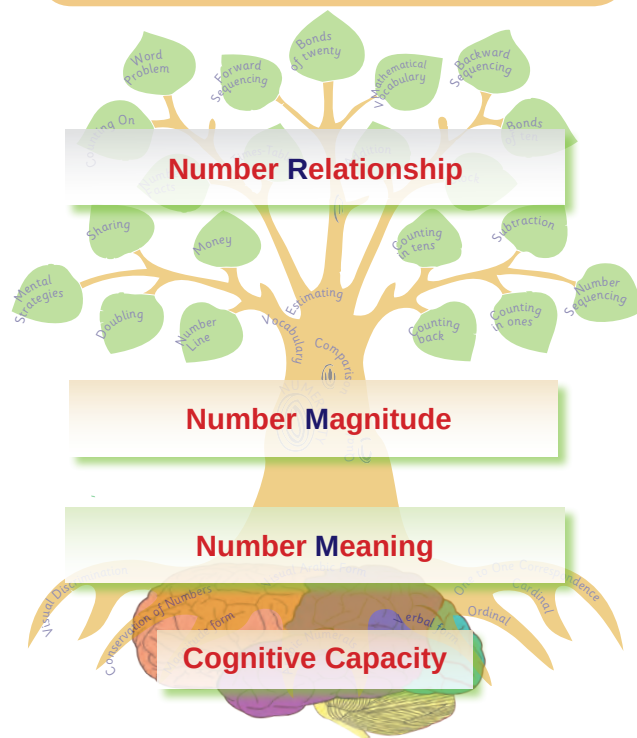
Used by:

- Teachers
- Special Education Needs Coordinators
- Additional Learning Needs Coordinators
- Inclusion Managers
- Educational Psychologists

Success:

- Proven to successfully reposition and improve confidence in children struggling with maths.
- Independent studies show an average improvement of 40% in pre and post scores.

Evidenced using the
NumberSense MMR™ Framework



What are the teachers saying:

I wish all our programs were taken to heart by our teachers like this.
We will see lots of progress made with our children.
Tandiswa, Full Service Schools. Eastern Cape

Request for an Eastern Cape FSS Schools Case Study.

Follow us on social media:



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