

Maths Assessments Made Easy

Develop a curriculum-aligned, assessment-first approach



Essential**Assessment**

An Education Perfect company

Maths Assessments Made Easy

At Essential Assessment, we simplify maths assessments by offering a curriculum-aligned approach that empowers you to:

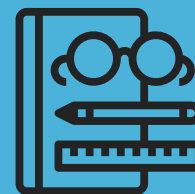
- Discover what your students know and their next steps
- Design explicit, whole-class, and personalised instruction
- Drive a positive, data-informed culture focusing on student growth

Essential Assessment ensures students' unique learning needs are catered for, while building assessment capability and celebrating growth.





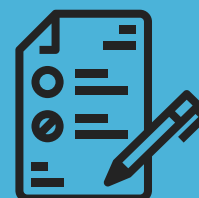
Discover what your students know



Identify misunderstandings and determine the next steps in your students' maths learning journey.

- **Aligned Assessments:** Use curriculum-aligned assessments to deepen each child's understanding
- **Identify Misunderstandings:** Pinpoint areas requiring attention to address learning needs
- **Support Growth:** Reveal each student's Zone of Proximal Development to guide progress

Design your maths instruction



Turn actionable data into impactful teaching.

- Use real-time data insights to inform explicit instruction and address learner variability
- Utilise My Numeracy tasks and individual learning goals to encourage your students to review and reflect on their learning
- Create a meaningful connection between instruction and assessment to boost growth

Drive maths growth



Celebrate success and build on achievements.

- Draw upon post-assessment data to reveal growth and identify future learning priorities
- Share progress with students, parents, and leaders using clear, curriculum-aligned insights
- Rely on accurate data to support your decision-making and foster a consistent approach across your school

Curriculum-aligned Maths assessments and learning materials

That help streamline your assessment and reporting processes



Alignment with the NSW Syllabus

Number and Algebra	Stages	Measurement and Space	Stages	Statistics and Probability	Stages
Representing whole numbers	ES1 - S3	Geometric measure	ES1 - S3	Data	ES1 - S3
Combining and separating quantities	ES1 - S1	2D spatial structure	ES1 - S3	Chance	S1 - S3
Forming groups	ES1 - S1	3D spatial structure	ES1 - S3	Data analysis	S4-S5 core
Additive relations	S2 - S3	Non-spatial measure	ES1 - S3	Data classification and visualisation	S4
Multiplicative relations	S2 - S3	Length	S4	Probability	S4-S5 core
Partitioned and quantity fractions	S2 - S3	Right-angled triangles	S4	NSW Common Grade	ES1 - S5 core
Computation with integers	S4	Area	S4-S5 core		
Fractions, decimals and percentages	S4	Volume	S4-S5 core		
Ratios and rates	S4	Angle relationships	S4		

Number and Algebra	Stages	Measurement and Space	Stages
Algebraic techniques	S4-S5 core	Properties of geometrical figures	S4-S5 core
Indices	S4-S5 core	Trigonometry	S5 core
Equations	S4	NSW Common Grade	ES1 - S5 core
Financial mathematics	S5 core		
Linear relationships	S4-S5 core		
Non-linear relationships	S5 core		
Numbers of any magnitude	S5 core		
NSW Common Grade	ES1 - S5 core		

Alignment with the Australian Curriculum V9

Number	Levels	Measurement	Levels	Statistics	Level
General All	F-10A	General All	F-10A	General All	F-10A
Whole Number	F-9	Length	F-8	Data	F-10
Addition	F-8	Volume and Capacity	F-10		
Subtraction	F-8	Mass	F-6		
Multiplication	F-8	Time	F-9		
Division	F-8	Pythagoras	8-10		
Fractions	2-7	Trigonometry	9-10		
Decimals and Percentages	4-10	Area and Perimeter	4-10		
Money and Financial Contexts	F-10				
Rates and Ratio	7-10				

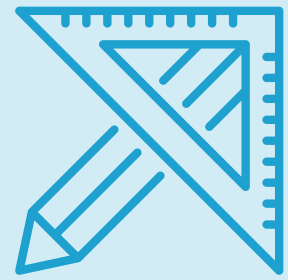
Algebra	Level	Space	Level	Probability	Level
General All	F-10A	General All	F-10A	General All	3-10A
Indices	7-10	Location	F-6	Chance	3-10
Algebraic Techniques	6-10	Two-Dimensional Space	F-6		
Linear Relationships	7-10	Three-Dimensional Space	3-6		
Non-Linear Relationships	9-10	Geometry	7-10		
Patterns and Early Algebra	F-6				

Alignment with the Victorian Curriculum V2.0

Number	Levels	Measurement	Levels	Statistics	Level
General All	F-10	General All	F-10	General All	F-10
Whole Number	F-9	Length	F-8	Data	F-10
Addition	F-8	Volume and Capacity	F-10		
Subtraction	F-8	Mass	F-6		
Multiplication	F-8	Time	F-9		
Division	F-8	Pythagoras	8-10		
Fractions	2-7	Trigonometry	9-10		
Decimals and Percentages	4-10	Area and Perimeter	4-10		
Money and Financial Contexts	F-10				
Rates and Ratio	7-10				

Algebra	Level	Space	Level	Probability	Level
General All	F-10	General All	F-10	General All	3-6
Indices	7-10	Location	F-6	Chance	3-6
Algebraic Techniques	6-10	Two-Dimensional Space	F-6		
Linear Relationships	7-10	Three-Dimensional Space	3-6		
Non-Linear Relationships	9-10	Geometry	7-10		
Patterns and Early Algebra	F-6				

Implement a consistent, data-led approach



To student-centred Maths assessment

Primary Maths Bundle:

- Summative Assessments (Strands, Focus areas and Flexis), Online and printable
- Formative Assessments, online and printable, addressing the four mathematical proficiencies
- My Numeracy ('Check for Understanding' Tasks/Activities)
- Individualised Learning Plans and Goals
- Printable Worksheets

Australian Curriculum V9.0



NSW Syllabus



Victorian Curriculum V2.0



Don't just take our word for it...

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"We use Essential Assessment to accurately diagnose students' skill levels in Mathematics. Having a clear guide as to which areas of curriculum-specific students need further work allows us to more accurately plan and deliver lessons targeted to the needs of all of our students."

STEM Learning Specialist, Maryborough Education Centre, Loddon Campaspe (VIC)

"Essential Assessment is so efficient and so good at supporting cross-grade across-stage classrooms with such a wide range of learners and abilities. It saves so much time in preparation and marking."

Primary School Teacher, (NSW)

"Essential Assessment has transformed the way that I approach the teaching of maths. I can use current data to know where a student is, identify gaps in their learning, support them, and see their growth at the end of the targeted learning cycle."

Teacher, St Joseph's School, Cairns (QLD)



Start a free Essential Assessment trial today!

We'd love to support you in implementing a consistent, data-informed approach to numeracy to nurture a positive culture of student-centred maths assessment.



Discuss your needs with Essential Assessment

Curriculum-aligned materials are crafted to streamline your assessment process and empower you to deliver impactful learning experiences tailored to each student's needs.

- Discover student knowledge
- Design data-informed learning experiences
- Drive a positive assessment culture

Contact information

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