Mathematics and Statistics Years 0–10: strands & elements

The New Zealand Curriculum — Mathematics and Statistics Years 0–10 (2025). Print in A3 or zoom on digital.

Phase	Number	Algebra	Measurement	Geometry	Statistics	Probability
Phase 1 Years 0–3 (by time at school)	**Elements** • Number structures • Operations • Rational numbers • Financial mathematics	**Elements** • Equations and relationships	**Elements** • Measuring	**Elements** • Shapes • Spatial reasoning • Pathways	**Elements** • Developing knowledge from data • Visualisation of data • Interpretation of data	*Not taught in Phase 1 — Probability begins in Year 4.*
Phase 2 Years 4–6	**Elements** • Number structures • Operations • Rational numbers • Financial mathematics	**Elements** • Equations and relationships	**Elements** • Measuring	**Elements** • Shapes • Spatial reasoning • Pathways	**Elements** • Developing knowledge from data • Visualisation of data • Interpretation of data	**Elements** • Experimental probability
Phase 3 Years 7–8	**Elements** • Number structures and operations • Financial mathematics	**Elements** • Equations and relationships	**Elements** • Measuring	**Elements** • Shapes • Spatial reasoning • Pathways	**Elements** • Developing knowledge from data • Visualisation of data • Interpretation of data	**Elements** • Experimental probability • Theoretical probability
Phase 4 Years 9–10	**Elements** • Number structures and operations • Financial mathematics	**Elements** • Equations and relationships	**Elements** • Measuring	**Elements** • Shapes • Spatial reasoning	**Elements** • Developing knowledge from data • Visualisation of data • Interpretation of data	**Elements** • Experimental and theoretical probability

Underpinning all strands: “The mathematical and statistical processes of investigating, representing and connecting situations, and generalising, explaining, and justifying findings are fundamental to all mathematical and statistical teaching.”

Phase 1 is set out by time at school (first six months, first year, second year, third year) rather than by year level. Each phase also lists the new mathematical vocabulary to teach each year (“The language of Mathematics and Statistics”).

Source: Ministry of Education | Te Tāhuhu o te Mātauranga — Curriculum Statement (The New Zealand Curriculum – Mathematics and Statistics Years 0–10) 2025.