Mapping the Numeracy Focus Areas



Developing understanding,

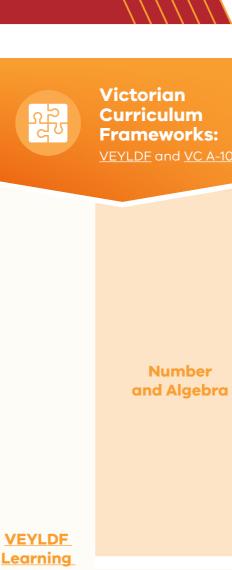






Interpreting and representing

Understanding chance



Outcomes

fluency, problem solving **9** and reasoning Everyday contexts and examples **VEYLDF** and **VC A-10** Modelling and solving problems using a variety of mental, written and digital strategies with increasing efficiency. Working flexibly with the concepts, strategies and representations of addition, multiplication (and division) in a wide range of contexts. Levels 9 -10 Birth to Level 2 Levels 3-8 Exploring patterns and relationships in everyday environments, from design in architecture through to natural phenomena such as shell spirals and plant foliage. Using number patterns in data to explore trends and relationships. Birth to Level 2 Levels 3-8 Levels 9 -10 Operating effectively with decimals, fractions, percentages, ratios and rates, and interpreting and moving fluently between the different representations. Understanding and using numerical data and texts to communicate information, and support conclusions about social, economic and environmental issues. Levels 9 -10 Levels 3-8 Birth to Level 2 Interpreting and comparing scale diagrams, solving problems in real-life contexts such as navigation and orienteering. Understanding the underlying mathematical properties and processes involved in the transformation of objects and shapes Birth to Level 2 Levels 3-8 Levels 9 -10 Measurement and Geometry Exploring measurement in everyday environments, recognising attributes that are measured, how different units of measure are used and calculated, developing a sense of the reasonableness of estimates and the likely size and nature of their expected result. Birth to Level 2 Levels 3-8 Levels 9 -10 Exploring and investigating chance events and working with data in authentic contexts. Making conjectures about expectations of findings, and then testing Statistics and and reporting on these predictions are critical elements of understanding chance and data. **Probability** Birth to Level 2 Levels 3-8 Levels 9 -10

Exploring chance and data