**Year 1 Content Descriptions from ACARA & think! Maths Compared**

**[Number and Algebra](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?year=11752&strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&capability=Literacy&capability=Numeracy&capability=Information+and+Communication+Technology+%28ICT%29+Capability&capability=Critical+and+Creative+Thinking&capability=Personal+and+Social+Capability&capability=Ethical+Understanding&capability=Intercultural+Understanding&priority=ignore&priority=Aboriginal+and+Torres+Strait+Islander+Histories+and+Cultures&priority=Asia+and+Australia%E2%80%99s+Engagement+with+Asia&priority=Sustainability&elaborations=true&elaborations=false&scotterms=false&isFirstPageLoad=false)**

**Number and place value**

Develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero

Chapters 7,9 & 11

**Numeracy**

Recognising and using patterns and relationships

* Recognise and use patterns and relationships

Estimating and calculating with whole numbers

* Understand and use numbers in context

Recognise, model, read, write and order numbers to at least 100. Locate these numbers on a number line

Chapters 1, 5, 6, 9 & 11

**Numeracy**

Estimating and calculating with whole numbers

* Understand and use numbers in context

Count collections to 100 by partitioning numbers using place value

Chapter 7, 9 & 11

**Numeracy**

Estimating and calculating with whole numbers

* Understand and use numbers in context

Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts

Chapter 12

**Numeracy**

Estimating and calculating with whole numbers

* Estimate and calculate

Chapter 12

**Fractions and decimals**

Recognise and describe one-half as one of two equal parts of a whole.

**Numeracy**

Using fractions, decimals, percentages, ratios and rates

* Interpret proportional reasoning

Missing: Showing a whole and two equal parts by using a paper plate and ask the student to cut in half. This can also be done make lunch with cutting a sandwich in half. Use terms as whole and half – two halves make a whole.

**Money and financial mathematics**

Recognise, describe and order Australian coins according to their value

Chapter 15 – this will need to support into Australia $ & cents as simple as using Australian Play Money so student can recognise each value. Singapore currency is shown but they use the same denomination.

**Patterns and algebra**

Investigate and describe number patterns formed by skip-counting and patterns with objects

**Numeracy**

Recognising and using patterns and relationships

Chapter 3, 4 & 7

**[Measurement and Geometry](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?year=11752&strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&capability=Literacy&capability=Numeracy&capability=Information+and+Communication+Technology+%28ICT%29+Capability&capability=Critical+and+Creative+Thinking&capability=Personal+and+Social+Capability&capability=Ethical+Understanding&capability=Intercultural+Understanding&priority=ignore&priority=Aboriginal+and+Torres+Strait+Islander+Histories+and+Cultures&priority=Asia+and+Australia%E2%80%99s+Engagement+with+Asia&priority=Sustainability&elaborations=true&elaborations=false&scotterms=false&isFirstPageLoad=false)**

**Using units of measurement**

Measure and compare the lengths and capacities of pairs of objects using uniform informal units

Tell time to the half-hour

**Numeracy**

Using measurement

* Operate with clocks, calendars and timetables

Chapter 14

Describe duration using months, weeks, days and hours

**Numeracy**

Using measurement

* Operate with clocks, calendars and timetables

Chapter 14

**Shape**

Recognise and classify familiar two-dimensional shapes and three-dimensional objects using obvious features

**Numeracy**

Using spatial reasoning

* Visualise 2D shapes and 3D objects

Chapter 8

**Location and transformation**

Give and follow directions to familiar locations

**Literacy**

Composing texts through speaking, writing and creating

* Compose texts
* Compose spoken, written, visual and multimodal learning area texts
* Use language to interact with others

Chapter 13

Comprehending texts through listening, reading and viewing

* Comprehend texts
* Listen and respond to learning area texts
* Navigate, read and view learning area texts
* Interpret and analyse learning area texts

Chapter 13

Word Knowledge

* Understand learning area vocabulary

Chapter 13

**[Statistics and Probability](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?year=11752&strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&capability=Literacy&capability=Numeracy&capability=Information+and+Communication+Technology+%28ICT%29+Capability&capability=Critical+and+Creative+Thinking&capability=Personal+and+Social+Capability&capability=Ethical+Understanding&capability=Intercultural+Understanding&priority=ignore&priority=Aboriginal+and+Torres+Strait+Islander+Histories+and+Cultures&priority=Asia+and+Australia%E2%80%99s+Engagement+with+Asia&priority=Sustainability&elaborations=true&elaborations=false&scotterms=false&isFirstPageLoad=false)**

**Chance**

Identify outcomes of familiar events involving chance and describe them using everyday language such as ‘will happen’, ‘won’t happen’ or ‘might happen’

**Numeracy**

Interpreting statistical information

* Interpret chance events

Missing – use two side (red/yellow) counters (20), predict how many will turn up yellow and how many red -record each toss to show how each toss is played out.

In a bag is 2 green lollies and 2 red lollies. Ask questions like “What is the chance of picking a green lolly out of the bag?

**Data representation and interpretation**

Choose simple questions and gather responses and make simple inferences

Represent data with objects and drawings where one object or drawing represents one data value. Describe the displays

Chapter 16

**Numeracy**

Interpreting statistical information

* Interpret data displays

Chapter 16