| **Dimensions of consumer and financial literacy** | **Thread** | **Foundation Year** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
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| **Knowledge and understanding** | **Number and place value** | Establish understanding of the language and processes of counting by naming numbers in sequences, initially to and from 20, moving from any starting point (ACMNA001) | 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 (ACMNA012) | Investigate number sequences, initially those increasing and decreasing by twos, threes, fives and tens from any starting point, then moving to other sequences (ACMNA026) |  |  |  |  |
| Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond (ACMNA002) | Recognise, model, read, write and order numbers to at least 100. Locate these numbers on a number line (ACMNA013) | Recognise, model, represent and order numbers to at least 1000 (ACMNA027) | Recognise, model, represent and order numbers to at least 10 000 (ACMNA052) | Recognise, represent and order numbers to at least tens of thousands (ACMNA072) |  |  |
| Subitise small collections of objects (ACMNA003) | Count collections to 100 by partitioning numbers using place value (ACMNA014) | Group, partition and rearrange collections up to 1000 in hundreds, tens and ones to facilitate more efficient counting (ACMNA028) | Apply place value to partition, rearrange and regroup numbers to at least 10 000 to assist calculations and solve problems (ACMNA053) | Apply place value to partition, rearrange and regroup numbers to at least tens of thousands to assist calculations and solve problems (ACMNA073) |  |  |
| Compare, order and make correspondences between collections, initially to 20, and explain reasoning (ACMNA289) |  | Explore the connection between addition and subtraction (ACMNA029) | Recognise and explain the connection between addition and subtraction (ACMNA054) |  |  |  |
| **Knowledge and understanding** | **Number and place value** |  |  | Recognise and represent multiplication as repeated addition, groups and arrays (ACMNA031) | Recall addition facts for single- digit numbers and related subtraction facts to develop increasingly efficient mental strategies for computation (ACMNA055) | Recall multiplication facts up to 10 × 10 and related division facts (ACMNA075) |  |  |
|  |  |  | Recall multiplication facts of two, three, five and ten and related division facts (ACMNA056) |  |  |  |
| **Fractions and decimals** |  | Recognise and describe one-half as one of two equal parts of a whole. (ACMNA016) | Recognise and interpret common uses of halves, quarters and eighths of shapes and collections (ACMNA033) | Model and represent unit fractions including 1/2, 1/4, 1/3, 1/5 and their multiples to a complete whole (ACMNA058) | Recognise that the place value system can be extended to tenths and hundredths. Make connections between fractions and decimal notation (ACMNA079) | Recognise that the place value system can be extended beyond hundredths (ACMNA104) | Make connections between equivalent fractions, decimals and percentages (ACMNA131) |
|  |  |  |  |  | Compare, order and represent decimals (ACMNA105) |  |
| **Money and financial mathematics** |  | Recognise, describe and order Australian coins according to their value (ACMNA017) | Count and order small collections of Australian coins and notes according to their value (ACMNA034) |  |  |  |  |
| **Knowledge and understanding** | **Chance** |  |  |  |  | Identify everyday events where one cannot happen if the other happens (ACMSP093) |  |  |
|  |  |  |  | Identify events where the chance of one will not be affected by the occurrence of the other (ACMSP094) |  |  |
| **Competencies and skills** | **Number and place value** | Represent practical situations to model addition and sharing (ACMNA004) | Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts (ACMNA015) | Solve simple addition and subtraction problems using a range of efficient mental and written strategies (ACMNA030) |  |  | Use estimation and rounding to check reasonableness of answers to calculations (ACMNA099) |  |
|  |  | Recognise and represent division as grouping into equal sets and solve simple problems using these representations (ACMNA032) | Represent and solve problems involving multiplication using efficient mental and written strategies and appropriate digital technologies (ACMNA057) | Develop efficient mental and written strategies, and use appropriate digital technologies for multiplication and for division where there is no remainder (ACMNA076) | Solve problems involving division by a one digit number, including those that result in a remainder (ACMNA101) | Select and apply efficient mental and written strategies and appropriate digital technologies to solve problems involving all four operations with whole numbers (ACMNA123) |
|  |  |  |  |  | Use efficient mental and written strategies and apply appropriate digital technologies to solve problems (ACMNA291)  |  |
| **Competencies and skills** | **Number and place value** |  |  |  |  |  | Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental, written strategies and appropriate digital technologies (ACMNA100) |  |
| **Fractions and decimals** |  |  |  |  |  |  | Add and subtract decimals, with and without digital technologies, and use estimation and rounding to check the reasonableness of answers (ACMNA128) |
|  |  |  |  |  |  | Multiply decimals by whole numbers and perform divisions by non-zero whole numbers where the results are terminating decimals, with and without digital technologies (ACMNA129) |
| **Money and financial mathematics** |  |  |  | Represent money values in multiple ways and count the change required for simple transactions to the nearest five cents (ACMNA059) | Solve problems involving purchases and the calculation of change to the nearest five cents with and without digital technologies (ACMNA080) | Create simple financial plans (ACMNA106) | Investigate and calculate percentage discounts of 10%, 25% and 50% on sale items, with and without digital technologies (ACMNA132) |
| **Competencies and skills** | **Patterns and algebra** |  |  | Solve problems by using number sentences for addition or subtraction (ACMNA036) |  | Solve word problems by using number sentences involving multiplication or division where there is no remainder (ACMNA082) |  |  |
|  |  |  |  | Find unknown quantities in number sentences involving addition and subtraction Identify equivalent number sentences involving addition and subtraction (ACMNA083) | Find unknown quantities in number sentences involving multiplication and division. Identify equivalent number sentences involving multiplication and division (ACMNA121) |  |
| **Data representation and interpretation** |  | Represent data with objects and drawings where one object or drawing represents one data value. Describe the displays (ACMSP263) | Collect, check and classify data (ACMSP049) | Collect data, organise into categories and create displays using lists, tables, picture graphs and simple column graphs, with and without the use of digital technologies (ACMSP069) | Construct suitable data displays, with and without the use of digital technologies, from given or collected data. Include tables, column graphs and picture graphs where one picture can represent many data values (ACMSP096) | Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without the use of digital technologies (ACMSP119) | Interpret secondary data presented in digital media and elsewhere (ACMSP148) |
| **Competencies and skills** | **Data representation and interpretation** |  |  | Create displays of data using lists, table and picture graphs and interpret them (ACMSP050) | Interpret and compare data displays (ACMSP070) | Evaluate the effectiveness of different displays in illustrating data features including variability (ACMSP097) | Describe and interpret different data sets in context (ACMSP120) |  |
| **Responsibility and enterprise** | **Data representation and interpretation** | Answer yes/no questions to collect information and make simple inferences (ACMSP011) | Choose simple questions and gather responses and make simple inferences (ACMSP262) | Identify a question of interest based on one categorical variable. Gather data relevant to the question (ACMSP048) | Identify questions or issues for categorical variables. Identify data sources and plan methods of data collection and recording (ACMSP068) | Select and trial methods for data collection, including survey questions and recording sheets (ACMSP095) | Pose questions and collect categorical or numerical data by observation or survey (ACMSP118) | Interpret and compare a range of data displays, including side-by-side column graphs for two categorical variables (ACMSP147) |