

## TEACHING RESOURCES BY GRADE AND BY CONCEPT

The Teaching Resources may be accessed in 2 ways – By Grade and By Concept. The same Teaching Resources are accessed By Grade and By Concept.

We could access the Teaching Resources By Grade first to allow us to identify the concept at grade level.

After identifying the concept at grade level, we could access the same concept level By Concept, to identify the concept levels with a logical basis to the grade concept level.

## TEACHING RESOURCES BY GRADE



<https://bit.ly/35KKRMt>

The Teaching Resources By Grade are organised into Grades. After selecting a Grade, the Grade Scope and Sequence and the Terms open up below. After selecting a Term, the Term's concept levels open up below. Selecting a concept level takes us to the page with the Teaching Resources for this concept level.

## TEACHING RESOURCES BY CONCEPT



<https://bit.ly/3iK4ubo>

The Teaching Resources By Concept are organised into Concepts. After selecting a Concept, the Concept Sequence and the concept levels open up below. Selecting a concept level takes us to the page with the Teaching Resources for this concept level.

# TEACHING RESOURCES BY GRADE



<https://bit.ly/35KKRMt>

1. Let's select Teaching Resources on the home page.

2. The Teaching Resources may be selected by Grade or by Concept. The Teaching Resources accessed by Grade or by Concept are the exact same resources.  
 3. Let's select by Grade first so that we can identify the concept at expected Grade level. If we teach more than one grade, Let's select the highest grade that we teach. When we select the Grade, the Scope and Sequence and the Terms will open up below. If we have a cross-grade, we can find the cross-grade Scope and Sequences via the link on the home page: <https://alearningplace.com.au/grade-scope-and-sequences/>.

4. Let's select a Term. The Concept Levels will open up below. The Concept Levels are the same as the Concept Levels on the Scope and Sequence.

**Teaching Resources By Grade**

YEAR 2 TERM 1

- 1. AS 2.1 - COUNTING ON AND BACKWARDS BY 10S
- 2. AS 2.2 - PLACE VALUE OF TWO-DIGIT NUMBERS
- 3. AS 2.3 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 4. AS 2.4 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 5. AS 2.5 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 6. AS 2.6 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 7. AS 2.7 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 8. AS 2.8 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 9. AS 2.9 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 10. AS 2.10 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 11. AS 2.11 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 12. AS 2.12 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 13. AS 2.13 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 14. AS 2.14 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 15. AS 2.15 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 16. AS 2.16 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 17. AS 2.17 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 18. AS 2.18 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 19. AS 2.19 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10
- 20. AS 2.20 - ADD AND SUBTRACT TWO-DIGIT NUMBERS COUNTING BY 10

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**Teaching Resources By Grade**

**AS 13 - ADD AND SUBTRACT 10S NUMBERS COUNTING BY 10S**

Children use their developing understanding of counting forwards and backwards by 10s on the decade, exploring which digit changes and why (Place Value 12, Patterns and Algebra 1), and Standard and Non-standard Place Value of Three-digit Numbers (Place Value 3) to investigate adding and subtracting tens numbers counting by 10s.

As children are investigating adding and subtracting, they continue to investigate these place value concepts.

VIDEO 1: ADD TENS | VIDEO 2: SUBTRACT TENS | EXPLICIT TEACHING PLAN

TEACHING POWERPOINT | INVESTIGATE | PROBLEM SOLVING

PROBLEM SOLVING POWERPOINT

**LET'S START**

TAKE A TOUR, HOW TO USE THE TEACHING RESOURCES  
Let's take a quick tour through the pages on the site. Then let's take a longer tour through the Teaching Resources. And finally, let's start planning, implementing, and evaluating quality differentiated mathematics lessons, embedding Socratic strategic questioning and assessment of, for, and as learning.

[Learn More](#)

For information on using the Teaching Resources By Grade and By Concept, we can select HOW TO USE THE TEACHING RESOURCES on the Let's Start page.

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For information on using the Teaching Resources By Grade and By Concept, we can select HOW TO USE THE TEACHING RESOURCES on the Let's Start page.

5. When we select a Concept level, we end up on the same page of Teaching resources regardless of whether we select the Level by Grade or by Concept.

# TEACHING RESOURCES BY CONCEPT



### Teaching Resources by Concept

Annotations on the homepage:

- Complete information for using the site. Research base for the resources. Free teaching and PL resources.
- Information about the Teaching Resources.
- Information about the Professional Learning.
- Information about the Student Tracking and Reporting.

Links to the Teaching Resources, Professional Learning, and Student Tracking and Reporting.

Grade and Cross-grade Scope and Sequences.

Concept Sequences.

Short Professional Learning.

Professional Learning Courses.

TRACE STUDENT UNDERSTANDING.

### Teaching Resources by Grade

TEACHING RESOURCES | PROFESSIONAL LEARNING | STUDENT TRACKING REPORTING

#### Teaching Resources

The same Teaching Resources may be accessed by Grade or by Concept.

The videos linked above provide information and professional learning in accessing the resources by Grade or by Concept, and in the Scope and Sequences and Concept Sequences.

TEACHING RESOURCES BY GRADE | TEACHING RESOURCES BY CONCEPT

- EARLY COUNTING & GROUPING
- PLACE VALUE
- ADDITION & SUBTRACTION
- MULTIPLICATION & DIVISION
- FRACTION & DECIMALS
- PATTERNS & ALGEBRA
- MONEY & FINANCIAL MATHEMATICS
- MEASUREMENT & GEOMETRY
- TIME
- STATISTICS & PROBABILITY

### Teaching Resources by Concept

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1. Let's select Teaching Resources on the home page.

2. The Teaching Resources may be selected by Grade or by Concept. The Teaching Resources accessed by Grade or by Concept are the exact same resources.

3. Let's select by Concept now so that we can identify the sequence of learning for the concept.

When we select the Concept, the Concept Sequence and the Concept Levels will open up below.

### Teaching Resources by Concept

ADDITION AND SUBTRACTION CONCEPT SEQUENCE

Children investigate number lines so they have begun to develop their understanding when they begin to add and subtract on a number line.

- AS 1 - COUNTING FORWARDS ON A NUMBER LINE IS ADDING 1 EACH TIME
- AS 2 - COUNTING BACKWARDS ON A NUMBER LINE IS SUBTRACTING ONE EACH TIME

### Teaching Resources by Concept

ADDITION AND SUBTRACTION

WITH RELATED CONCEPTS

AS 1 - ADD AND SUBTRACT NUMBERS WITHIN 100

AS 2 - ADD AND SUBTRACT NUMBERS WITHIN 1000

AS 3 - ADD AND SUBTRACT NUMBERS WITHIN 10000

AS 4 - ADD AND SUBTRACT NUMBERS WITHIN 100000

AS 5 - ADD AND SUBTRACT NUMBERS WITHIN 1000000

AS 6 - ADD AND SUBTRACT NUMBERS WITHIN 10000000

AS 7 - ADD AND SUBTRACT NUMBERS WITHIN 100000000

AS 8 - ADD AND SUBTRACT NUMBERS WITHIN 1000000000

AS 9 - ADD AND SUBTRACT NUMBERS WITHIN 10000000000

AS 10 - ADD AND SUBTRACT NUMBERS WITHIN 100000000000

AS 11 - ADD AND SUBTRACT NUMBERS WITHIN 1000000000000

AS 12 - ADD AND SUBTRACT NUMBERS WITHIN 10000000000000

AS 13 - ADD AND SUBTRACT NUMBERS WITHIN 100000000000000

AS 14 - ADD AND SUBTRACT NUMBERS WITHIN 1000000000000000

AS 15 - ADD AND SUBTRACT NUMBERS WITHIN 10000000000000000

AS 16 - ADD AND SUBTRACT NUMBERS WITHIN 100000000000000000

AS 17 - ADD AND SUBTRACT NUMBERS WITHIN 1000000000000000000

AS 18 - ADD AND SUBTRACT NUMBERS WITHIN 10000000000000000000

AS 19 - ADD AND SUBTRACT NUMBERS WITHIN 100000000000000000000

AS 20 - ADD AND SUBTRACT NUMBERS WITHIN 1000000000000000000000

### Teaching Resources by Concept

ADDITION AND SUBTRACTION

WITH RELATED CONCEPTS

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AS 20 - ADD AND SUBTRACT NUMBERS WITHIN 1000000000000000000000

5. The Concept Levels are the same as the Concept Levels on the Concept Sequence.

Teaching Resources by Concept

YEAR 2 TERM 1

- AS 13 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 14 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 15 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 16 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 17 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 18 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 19 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 20 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 21 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 22 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 23 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 24 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 25 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 26 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 27 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 28 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 29 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S
- AS 30 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S

Teaching Resources by Concept

AS 13 - ADD AND SUBTRACT 100 NUMBERS COUNTING BY 10S

Children use their developing understanding of counting forwards and backwards by 10s on the decade, explaining which digit changes and why (Stage [Value 3: Patterns and Algebra](#)), and Standard and Non-standard Place Value of Three-digit Numbers (Stage [Value 3](#)) to investigate adding and subtracting tens numbers counting by 10s.

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