

Numeracy Learning Progression

Learning basic skills like reading, writing, spelling, adding and subtracting generally happens in a certain order. On the Australian Curriculum website, the Literacy and Numeracy Progressions show the order in which most children develop these skills.

Use the Literacy and Numeracy Progressions to see where your child might be up to in their development of a particular skill (like learning to tell the time) and see the next typical step of development.

How does my child learn multiplicative strategies?

What you may notice about your child

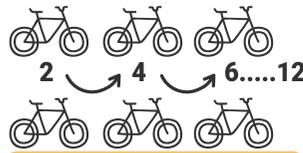
How your child learns about multiplication

Numeracy Learning Progression



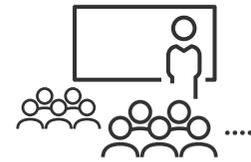
Shares out lollies one by one until the packet is empty.

Shares collections by making equal groups, counting by ones to find the total.



Draws six bicycles and finds the total number of wheels by skip counting by twos.

Represents multiplicative situations by drawing or using objects and skip counts to find the total.



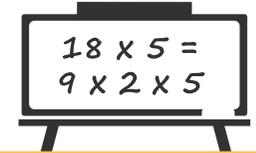
Represents a class of 20 students as four groups of 5 students.

Represents multiplicative situations using equal groups, arrays or number sentences.



Uses known number facts to calculate 7×83 as 7×80 plus 7×3 .

Represents and solves a range of multiplicative problems using multiplication facts, mental strategies and the communicative and distributive properties.



Calculates products by using friendly factors, e.g. $18 \times 5 = 9 \times 2 \times 5$.

Applies the distributive property, place value partitioning, factors and rounding to solve or estimate solutions for multiplicative problems.

Foundation – Year 1

Year 3

Year 5