

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.

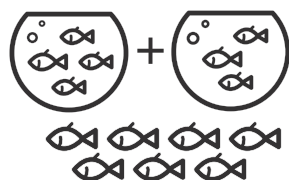
Use the Literacy and Numeracy Progressions to see where your child might be up to in their development of a particular skill (like learning to tell the time) and see the next typical step of development.

How does my child learn additive strategies?

What you may notice about your child

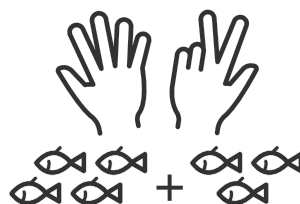
How your child learns additive strategies

Numeracy Learning Progression



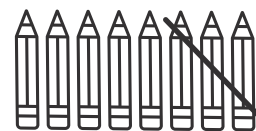
Knows that when two quantities are combined, the total is larger.

Combines two groups of objects and attempts to determine the total.



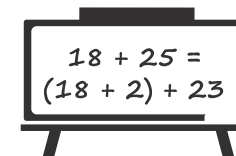
Changes a quantity by adding or taking away, using objects or counting on fingers.

Represents additive situations with objects or diagrams, and solves them by counting by ones.



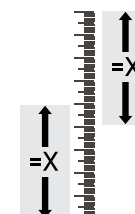
Uses the number sentence $8 - 3 = 5$ to represent the problem "I had 8 pencils. I gave away 3. I have 5 left."

Represents additive situations using number sentences and part-part-whole diagrams.



Uses a place value or bridging strategy to think $18 + 25 = (18 + 2) + 23$. That is $20 + 23 = 43$.

Chooses the appropriate operation and calculation strategy to represent and solve 2-digit addition problems.



Calculates the difference in height of 146cm and 97cm to be 49cm by thinking of $149 - 100$ as $146 - 97 = 149 - 100$.

Chooses from a range of strategies including mental calculations.

Foundation

Year 5