

# NUMERACY LEARNING PROGRESSION

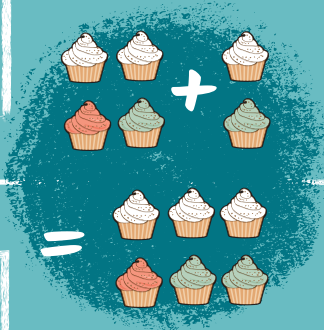
Learning basic skills like reading, writing, spelling, adding and subtracting generally happen in a certain order. On the Australian Curriculum website, the National Literacy and Numeracy Learning Progressions show the order that most children develop these skills.

Use the National Literacy and Numeracy Learning 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 addition and subtraction strategies?

What you may notice about your child

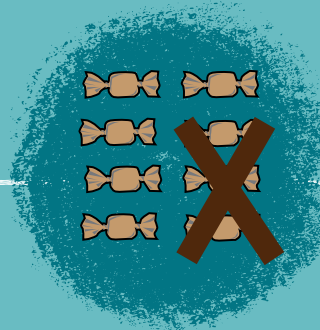
Knows when two quantities are combined the total is larger.



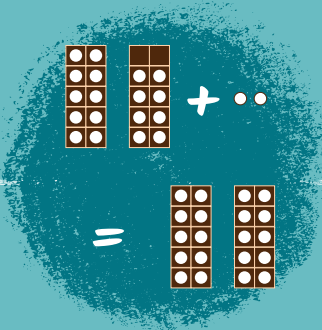
Changes a quantity by adding or taking away using objects or counting on fingers.



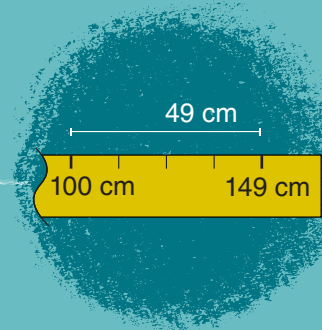
Uses the number sentence  $8 - 3 = 5$  to represent the situation "I had 8 lollies. I gave 3 to my friends. I have 5 left."



Calculates the cost of two items to be \$43 using  $18 + 25 = (18 + 2) + 23$ . That is  $20 + 23 = 43$ .



Jane is 146 cm tall and Mark is 97 cm tall. She calculates  $146 - 97$  by thinking of  $149 - 100 = 49$  cm.



National Literacy and Numeracy Learning Progressions

How your child learns additive strategies

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

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

Represents additive situations using number sentences and part whole diagrams.

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

Chooses from a range of strategies including mental calculations.

FOUNDATION

YEAR 5