

## Aspect 2: I Can Solve Counting Problems

**NSW Numeracy Continuum, Aspect 2:** Counting as a Problem Solving Process – Early Arithmetic Strategies

(Source: NSW Department of Education & Communities (2010), Numeracy Continuum K – 10.

Available at URL: <http://www.numeracycontinuum.com/index.php/continuum-chart>)

### EMERGENT

- I can recognise some number words.

### PERCEPTUAL

- I can count items to find the total.
- I can add numbers by using materials or my fingers.
- I can subtract numbers by using materials or my fingers.

### FIGURATIVE

- I can visualise hidden items and find the total by counting from one.
- I can use my fingers to help me find the total of two hidden collections (for totals greater than 10).

### COUNTING ON AND BACK

- I can count on from any number to solve addition problems.
- I can count back from any number to solve subtraction problems.

### FACILE (FLEXIBLE)

- I can use known facts to solve addition problems involving one or two digits (e.g. 7 and 3 makes 10 so 17 and 3 makes 20).
- I can use known facts to solve subtraction problems involving one or two digits (e.g. 10 take away 6 is 4 so 20 take away 6 is 14).

