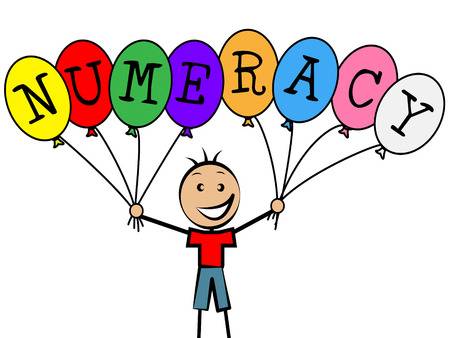
[](https://previews.123rf.com/images/stuartphoto/stuartphoto1411/stuartphoto141100206/33351244-numeracy-balloons-meaning-child-youngsters-and-boy.jpg)

**St Columba’s Nursery**



**S**tagesof **E**arly **A**rithmetical **L**earning

* A teaching progression for numeracy
* Focus on the structure of number-provides a secure understanding on which to build further
* Children work through 5 stages-Emergent, Perceptual, Figurative, Counting on, Facile

**Emergent**

* Saying forward/backward number word sequences, starting with 0-5 then 0-10
* Engaging with concrete items
* Feeling, seeing, hearing items as they count
* Subitising (recognising dot patterns)
* Finger patterns seen and unseen

**How you can help at home…**

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjP8om7yq_hAhX8BGMBHebXCa4QjRx6BAgBEAU&url=http://www.clipartpanda.com/categories/dice-clip-art-free&psig=AOvVaw1epkL_UuxZGvXi84eSIOZb&ust=1554231711872550)

Play dice games

Counting sharing objects

[](https://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjJmPnvza_hAhWEx4UKHQzKCnQQjRx6BAgBEAU&url=https://www.pinterest.com/pin/211176669998027965/&psig=AOvVaw2LkxNmUHdX3XyxLJP9eFYw&ust=1554232610778027)

Stories and songs

Finding numbers everywhere

[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjR8eHmzK_hAhUJlhQKHR41Dq0QjRx6BAgBEAU&url=http://clipart-library.com/clipart/72142.htm&psig=AOvVaw0e7gj4IyD3DJVAP11LThgN&ust=1554232329592061) Lots of counting

 Strategy games

[](http://clipart-library.com/clipart/437003.htm)[](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjC7vvMy6_hAhWaD2MBHSjFA9wQjRx6BAgBEAU&url=http://clipart-library.com/grocery-cart.html&psig=AOvVaw22mS68718h83seHBsoTw-f&ust=1554232009214455)Real life contexts

[](https://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwigtvnK1K_hAhUVAWMBHeTDDuoQjRx6BAgBEAU&url=https://www.clipart.email/clipart/wall-watch-clipart-46738.html&psig=AOvVaw21zVp78pBuxO5RWekAa-nr&ust=1554234423911513)

PATTERNS

* Play games with a dice pattern e.g. Snakes and ladders (good for counting too!) or dominoes
* Show numbers with fingers “How many biscuits do you want? Show me with your fingers. Can you show me with two hands?

COUNTING

* Counting items –teddies, cutlery, washing, steps
* Counting forwards and backwards –counting down the steps on the bus, counting down the sleeps to a holiday
* Counting from numbers other than one –“If I am 6 then I will be 7, 8, 9, 10, .....”
* Say the number after/number before –“Today is 11thJanuary, what is tomorrow?”
* Move onto counting in multiples e.g. Counting in 2’s or 10’s (forwards and backwards).