

**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…**



![C:\Users\elizabeth.notman\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\1T7NBY8D\Sweets-PNG-Pic[1].png]()Play dice games

Counting sharing objects



![C:\Users\elizabeth.notman\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\P18HMFCA\3948150015_830dddeecf_b[1].jpg]()Stories and songs

Finding numbers everywhere

 Lots of counting![C:\Users\elizabeth.notman\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\L36LTAG1\a5[1].png]()

![C:\Users\elizabeth.notman\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\6HBVOOTE\Chess-Sicilian-Physical[1].png]() Strategy games

Real life contexts



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).