

Opportunities for children to build a deep sense of number should be embedded throughout the indoor and outdoor learning environment



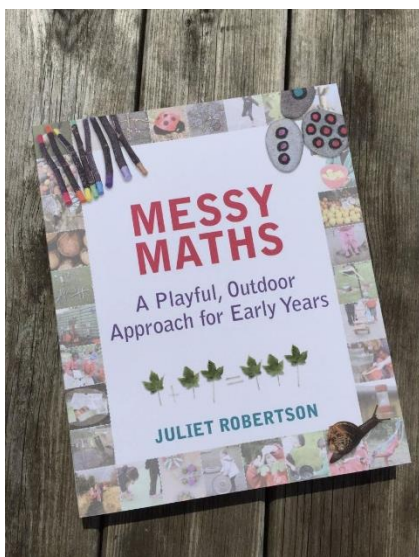
Counting in twos

Nature provides lots of opportunities



Think of alternatives to laminated resources

Create awe and wonder outdoors and use nature to your advantage



A great book for ideas about number outdoors. Juliet's blog is also great ([creativestartlearning.co.uk](http://creativestartlearning.co.uk))

Create opportunities for children to explore and discover

Observe- children will show you what they can do



Children can explore at their own level

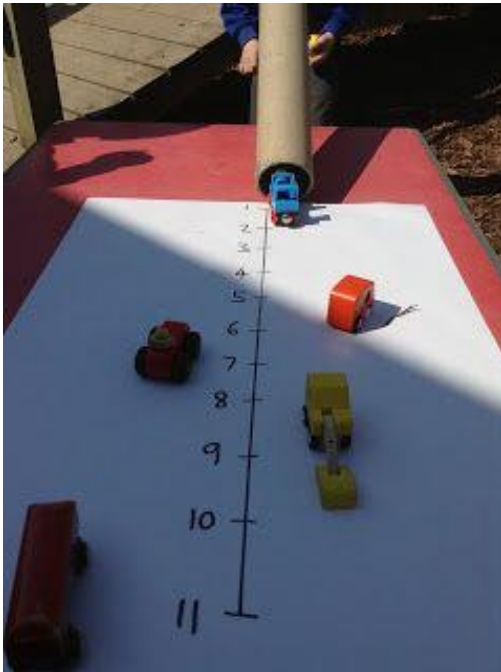
Practitioners can differentiate through questioning and modelling

I wonder...

Stations can be made from upcycled, salvagable materials



The language of number



Have points of interest  
for discussion- comparing, wondering

Model using mathematical  
language through play



full      more      between  
less              first  
                last      before  
after            longer  
                tallest      smaller  
higher          behind  
                next to      empty  
today                      tomorrow

Mathematical concepts are best  
introduced through stories and  
songs








# Numbers in everyday life

Children need to see number used in context and to understand its purpose



Being able to use number creates independence and often motivates children to engage

	Take away food	
pizza		1 2 3 4 5
pasta		5 4 3 2 1
burger		6 7 8 9 10



Links to skills for life and work



Children need time to learn and master skills



We can provide the resources and opportunities for applying skills throughout the indoor and outdoor environments



Numeracy shouldn't be separate

Children consolidate their learning and skills by making meaning from a range of experiences in a range of contexts





Exploration alone is sometimes not enough



Children will never learn some vocabulary and skills if they aren't introduced by adults



Balance child-initiated and adult-initiated

