Reception 'Supporting your child's learning in Maths' INSPIRE morning

Mathematics in the Early Years – Expectations for children by the end of Reception

Number

- **I can recognise and order numbers 0 - 20.**
- **I can write numbers 0 -20.**
- **I can count beyond 20.**
- **I can add and subtract one digit numbers.**
- **I can record a number sentence.**
- **I can make an estimate.**
- **I can double and halve numbers.**
- **I can count in 2s or 10s.**

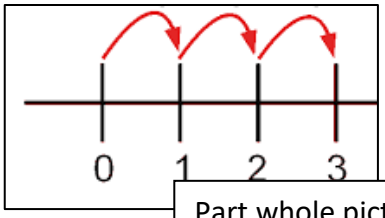
Shape Space and Measure

- **I can name 2D shapes and discuss their properties.**
- **I can name 3D shapes and discuss their properties.**
- **I can recognise, talk about and solve problems using money and words like 'pence'.**
- **I can make comments on the weight of objects by comparing them and ordering heaviest to lightest.**
- **I can compare the capacity of different containers.**
- **I can compare the height of objects using the words taller and shorter.**
- **I can use blocks and other things to measure.**

Throughout school, we are encouraging children to use a range of different concrete objects when working in maths. Throughout your child's time in reception, the children will be using.



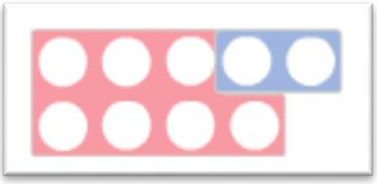
Tens frames

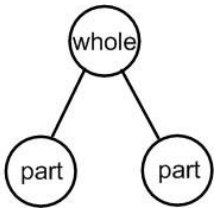


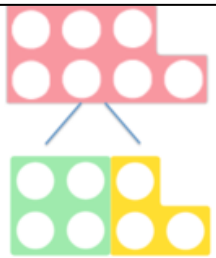
Number lines

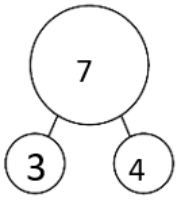
Part whole pictures

Numicon shapes









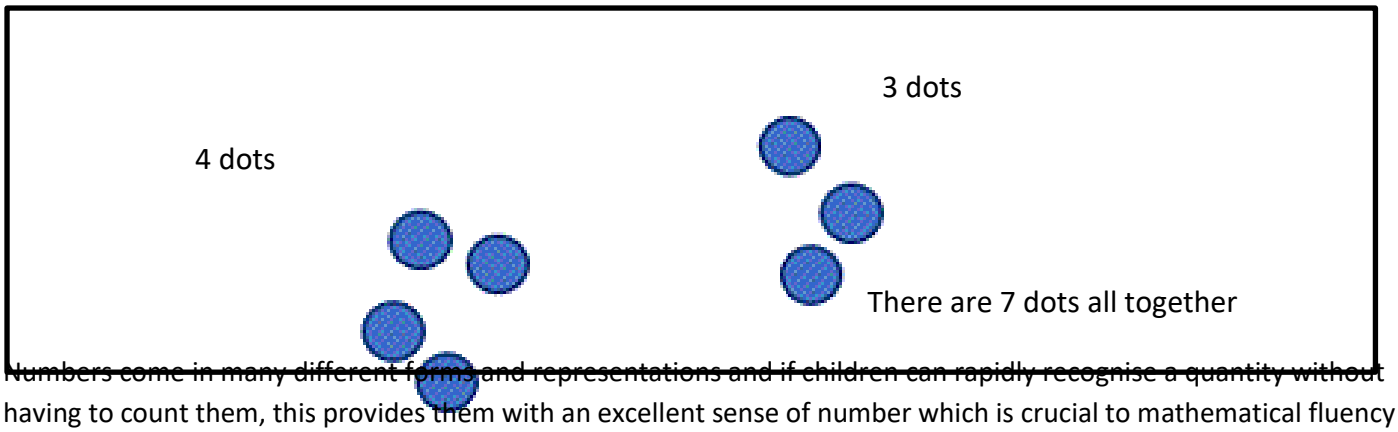
Questions to encourage your child's mathematical thinking

Can you show me…? What happens if…? Talk to me about…?

Why is this one different …? Why does this come next..? Why can't it be…?

Recognising numbers – subitising

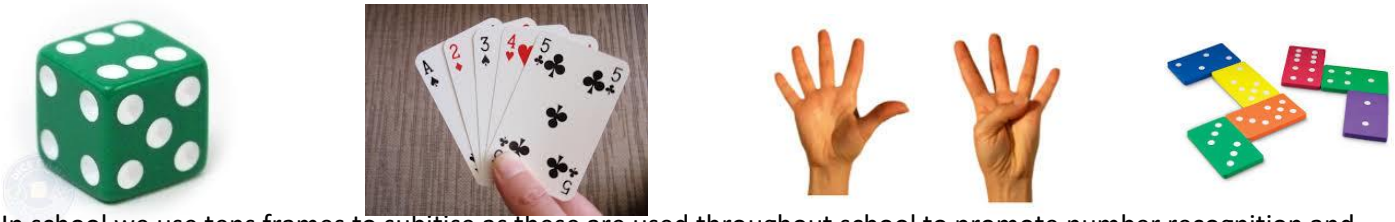
Early number recognition to 5 and then to 10 is a key skill we are promoting in reception. Subitising refers to the concept of recognising the exact quantity of small groups of numbers. For example, in the image below, we can recognise the 4 dots and three dots without the need for counting them



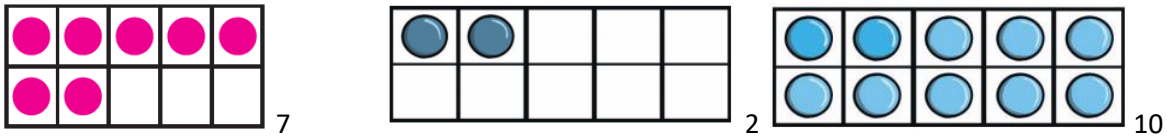
Numbers come in many different forms and representations and if children can rapidly recognise a quantity without having to count them, this provides them with an excellent sense of number which is crucial to mathematical fluency and late number development.

Using objects around your home can be a great opportunity for children to subitise numbers to 10. Some examples include:

Spots on dice Playing cards Fingers on hands Domino spots



In school we use tens frames to subitise as these are used throughout school to promote number recognition and calculating.



In the next couple of weeks, your class teacher will send home a pairs game to play with your child that gives them opportunities to subitise numbers to 10. These cards can be arranged to play pairs for children to practice subitising. We ask that you please take care of these so we can use them again in the future.

