



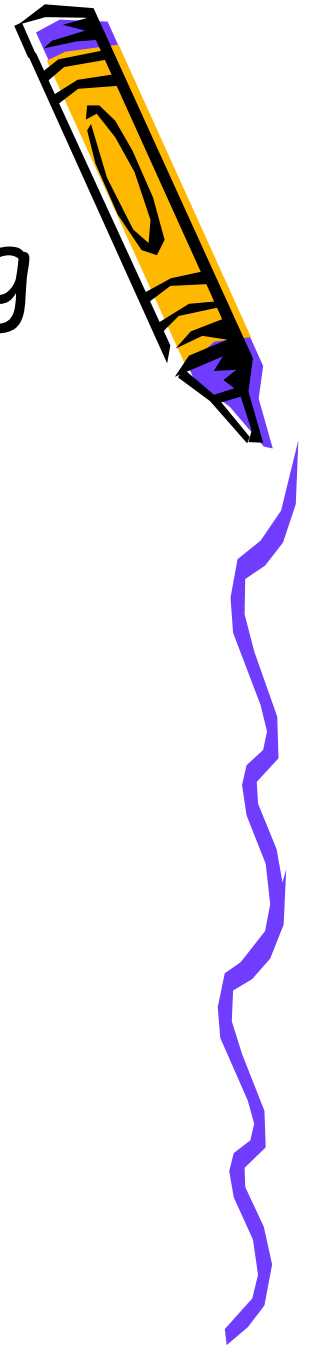
# Maths Workshop

Wednesday 3<sup>rd</sup> February 2016

Terra Firma  
A Firm Foundation

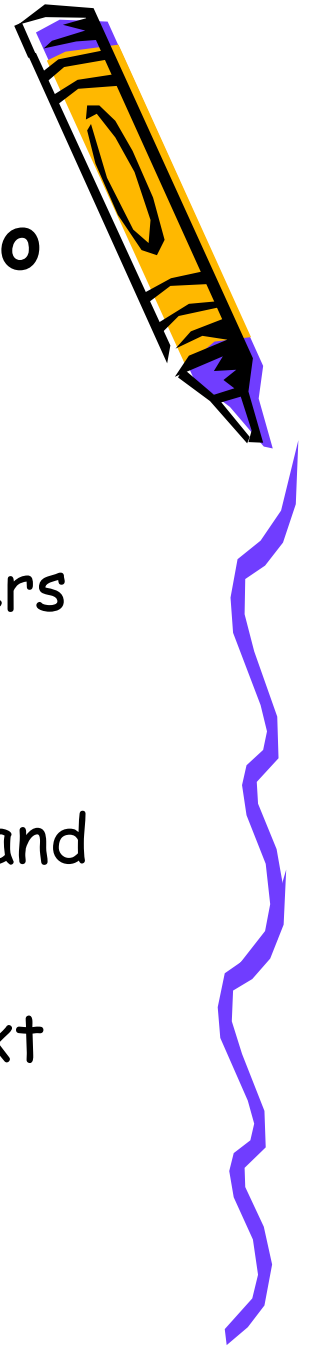
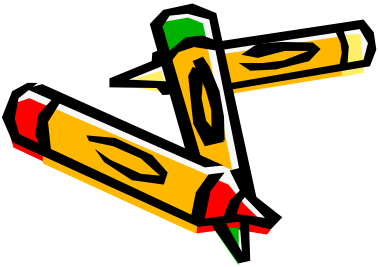
There are 2 aspects of mathematical understanding in Early Years Foundation Stage.

- Numbers
- Shape, space and measure.



# Numbers

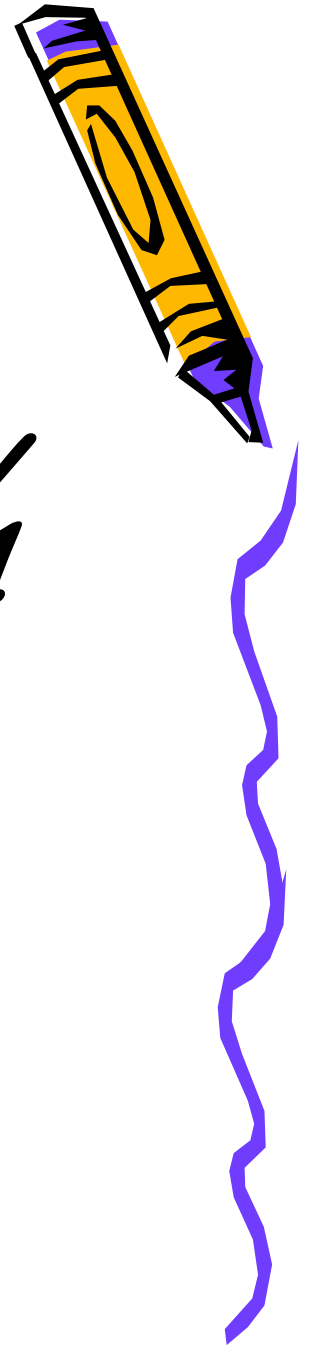
- Count reliably with numbers from 1 to 20.
- We use a range of counting equipment
- Numicon is used frequently to reinforce numbers
- We reinforce with worksheets
- Children work 1:1 with adult or in small groups and assess
- Day to day assessment is done to decide on next steps and inform future planning.



# Numbers

*• Place them in order and say which number is 1 more or 1 less*

• We use puzzles, number cards, ordinal numbers, games, songs



# Numbers

- *Add and subtract two single-digit numbers*

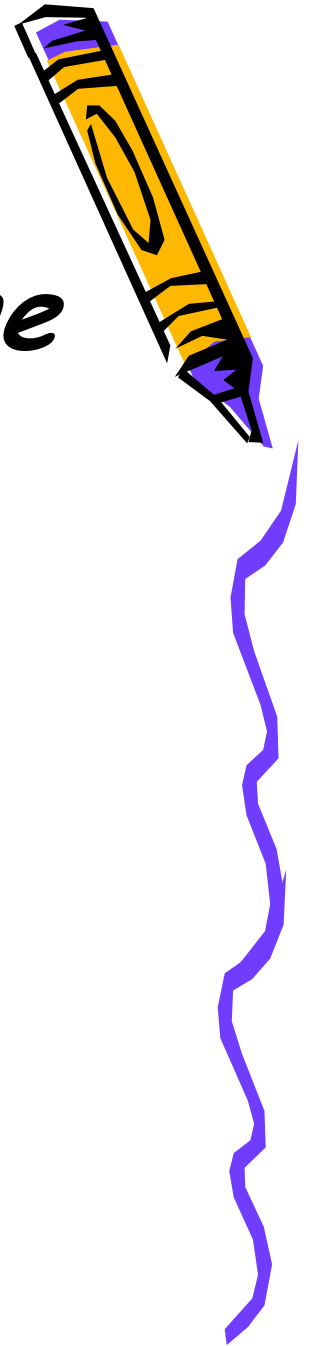
- Use counters, dice, songs, playdough mats, fish game, puzzles, Power Point



# Numbers

- *Count on or back to find the answer*

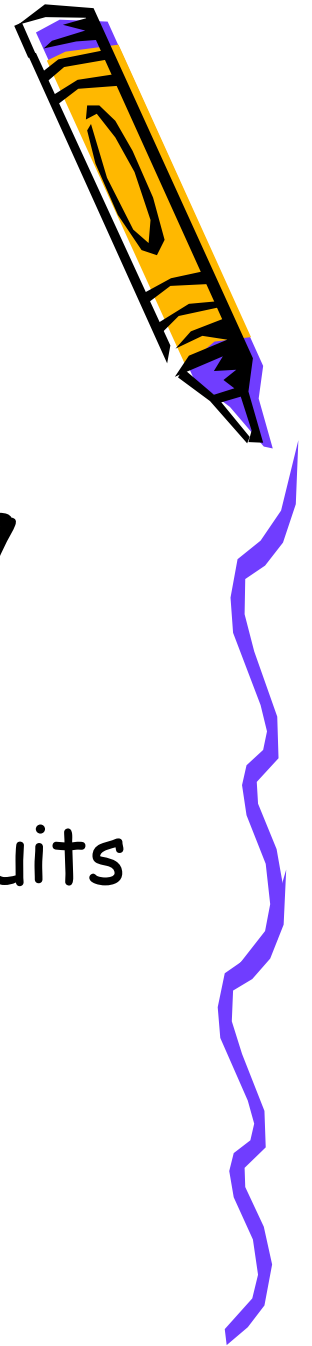
- Use of number lines



# Numbers

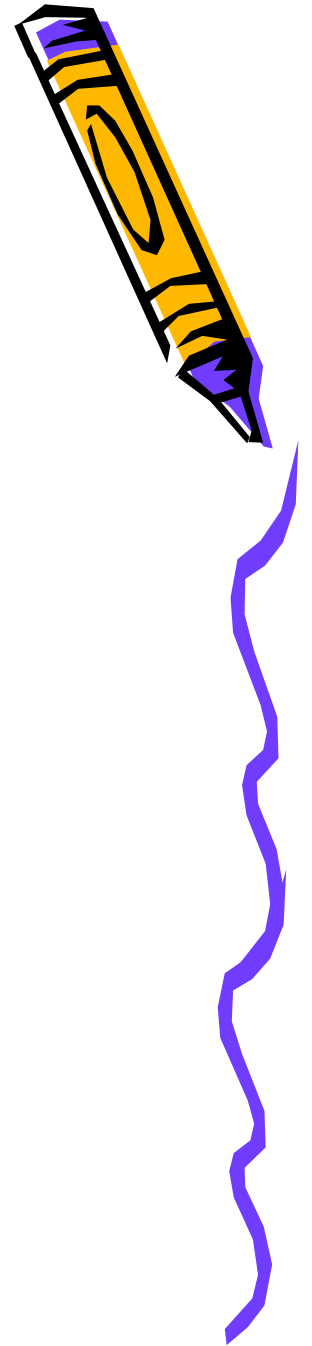
- *Solve problems, including doubling, halving and sharing*

- Numicon, counting objects, fruits, biscuits



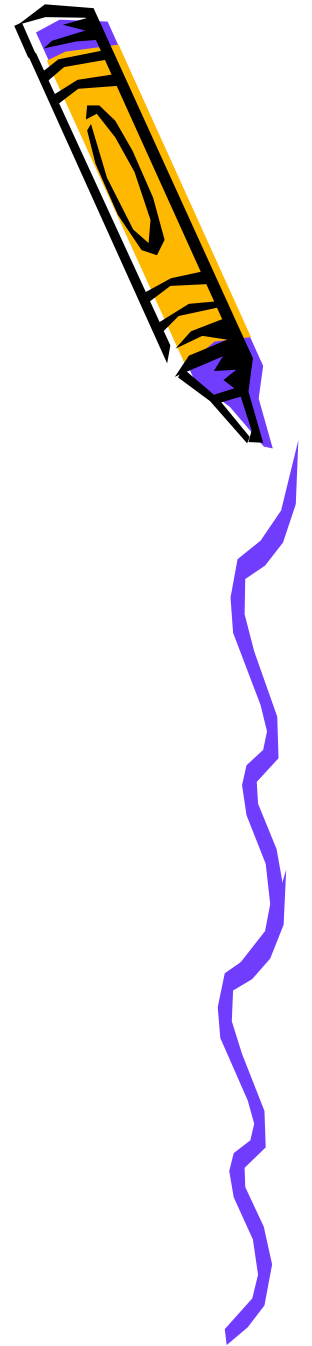
# • Shape, space and measure.

- Use everyday language to talk about
- **Size** - big, medium, small, large, largest
- **Weight** - heavy and light, same as
- **Capacity** - full, empty, half full

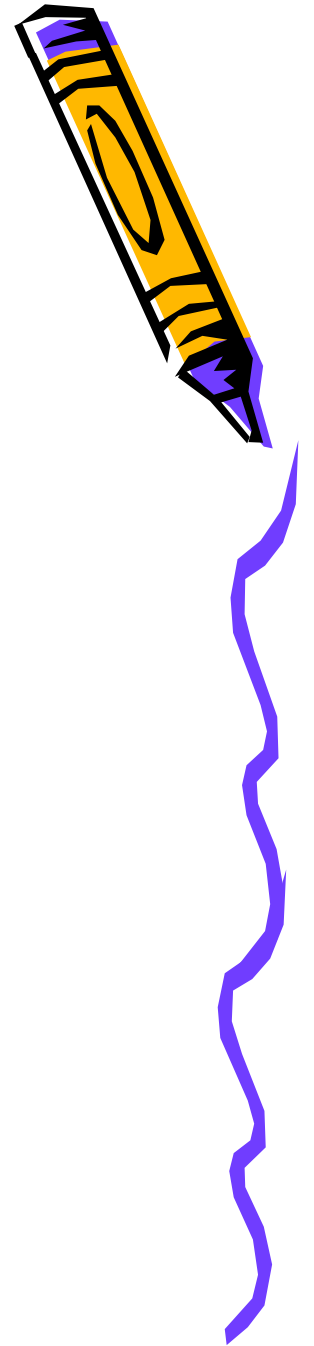
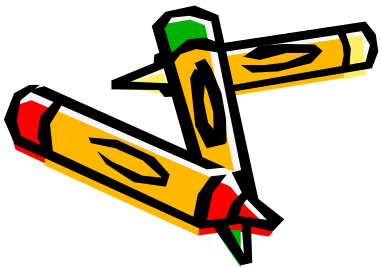




- **Position**- above, under, over, in , out, behind, next to, in front
- **Distance**- near and far
- **Time**- time of the day, days of the week, months of the year, seasons, o'clock
- **Money**- role play, recognise coins, problem solving



- 3D shapes
- 2D shapes
- Recognise, create, repeat and describe patterns



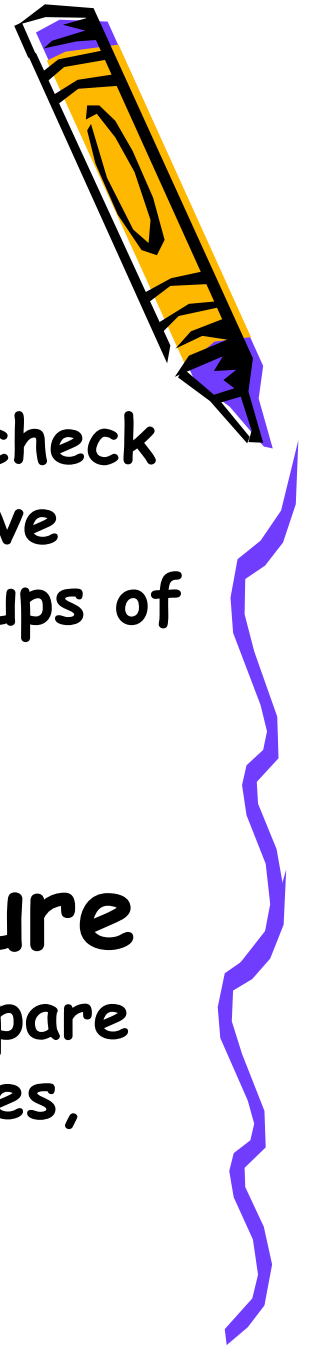
# Exceeding ELG

## Numbers

Children estimate a number of objects and check quantities by counting up to 20. They solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups.

## Shape and space and measure

Children estimate, measure, weigh and compare and order objects and talk about properties, position and time.



# Outdoor equipment

Large Numicon-add and subtract

Big caterpillar puzzle

Throwing bean bags into hoop and adding amounts

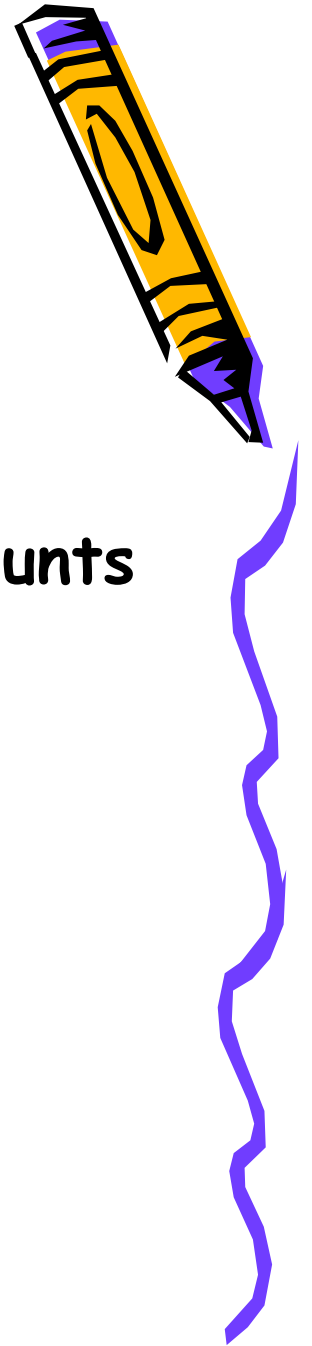
Positional language

Counting objects in the sand pit

Shapes-glittery shapes, construction toys

Capacity

Games-What's the time Mr. Wolf?



# How you can help at home



- Support with recognising numbers (house, bus, cars number, birth dates).
- Practise number bonds to numbers up to 10. (with toys)
- Playing with coins and spend money in shops.
- Sequencing days of the week and times of the day.
- Looking for shapes and patterns in the environment.
- Little and often - Try to keep it fun!



# Thanks for listening!

- If you have any further questions or things to discuss please come and chat to us either at the end of day or you may find it best to make an appointment for another time.

