

# Mathematics

## in Reception





# Key Vocabulary

## Numbers

Count, count on, number names one to 20, more than, less than, smaller than, larger than, how many?, more, less, larger, smaller, largest, smallest, near, close, before, after, forwards, backwards, next, guess, estimate, number names one to one hundred, between

Add, and, more, makes, equals, how many?, count, altogether, take away, the number before, the number after, less, forwards, backwards, count back, leaves, between

## Space, Shape and Measure

**2d shapes:** Circle, square, rectangle, oblong, triangle, oval, flat, curved, edge, side, corner, straight

**3d shapes:** Cuboid, pyramid, cone, cube, corner, face, curved, flat, square

**Time:** Time, how long?, minute, hour, clock, big hand, little hand, o'clock, days of the week, months of the year, weekday, weekend, tomorrow, today, yesterday

**Weight:** Heavy, light, heavier, lighter, balance, scales

**Length/ height:** Taller, shorter, longer, middle sized, measure, compare

**Money:** Coin names, how much?, how many?, buy, sell, cost, more, less, penny, pence, pound, coin, bronze silver, gold, most, least

**Position:** Above, on top, over, under, beneath, below, underneath, inside, within, between, beside, alongside, outside, next to, left, right

**Direction:** Up, down, left, right, forwards, backwards, direction

**Capacity:** Empty, full, half empty, half full, measure, fill up, how many?



# Maths - how you can help

Look for numbers everywhere

Count in real situations

Involve children in cooking and baking

Count rhythmically as you walk

Talk about number when sharing things

Allow your child to have a regular, small amount of money to spend

Play board games and other games and puzzles involving numbers

Sing and say nursery rhymes and read stories involving numbers

Count jumps, hops, claps, and other movements

Talk about how many days, or 'sleeps' it is until a certain event

Talk about time as part of daily routine, include the days of the week and months of the year

Use mathematical language - 'count', 'count on', 'how many', 'altogether', 'add', 'one less', 'one more', 'number before', 'number after'

## Useful websites

Cbeebies (Number Jacks)

*Numberblocks*

Sesame Street <http://pbskids.org/sesame>

(variety of games)

<http://www.topmarks.co.uk/maths-games/hit-the-button>

(doubles and halves)

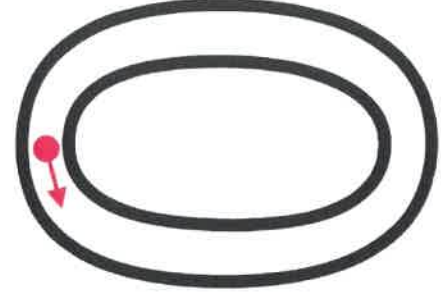
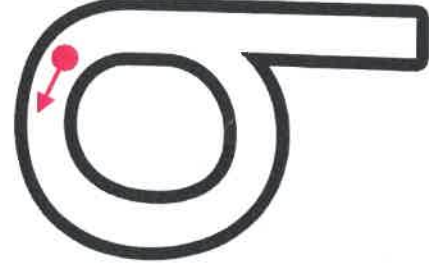
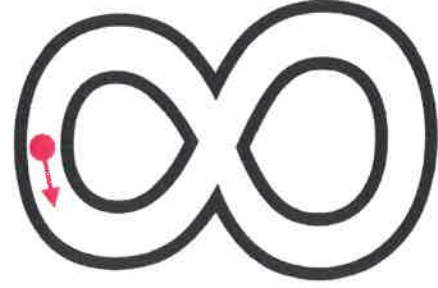
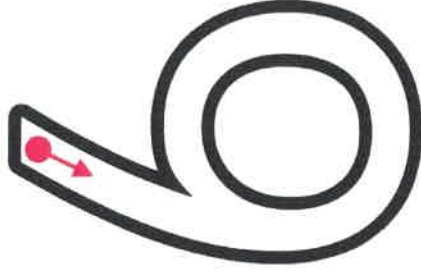
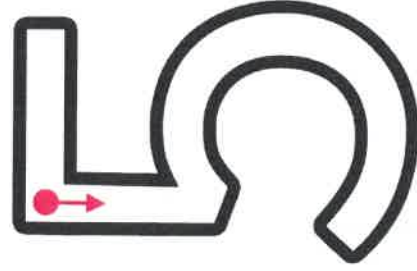
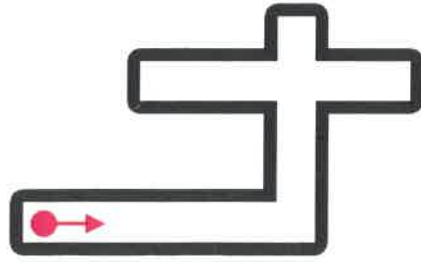
[http://www.ictgames.com/caterpillar\\_slider.html](http://www.ictgames.com/caterpillar_slider.html)

(ordering numbers)

<http://www.ictgames.com/postletter.html>

(recognising numbers)

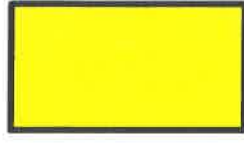
Can you trace  
the numbers?



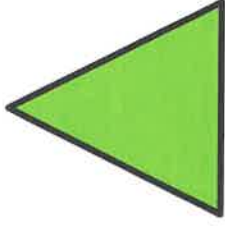
# 2D Shape Word Mat



circle



rectangle



triangle



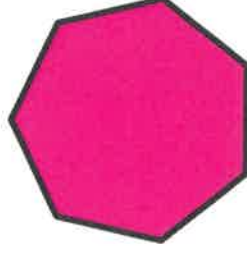
oval



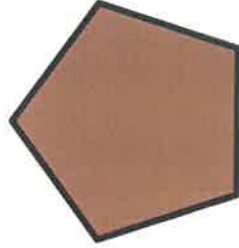
octagon



square



heptagon

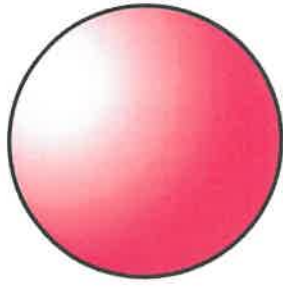


pentagon

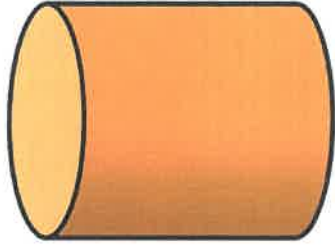


hexagon

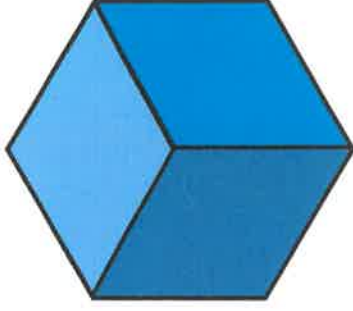
# 3D Shapes Word Mat



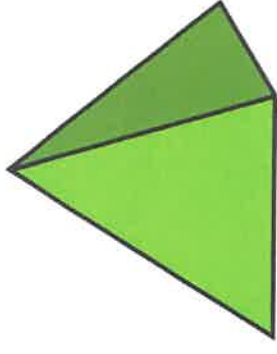
sphere



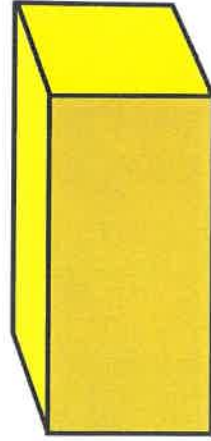
cylinder



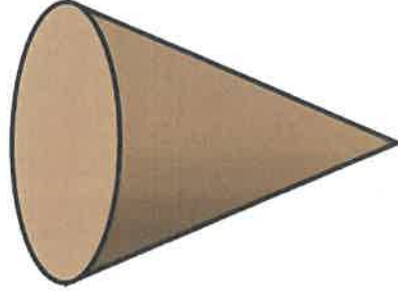
cube



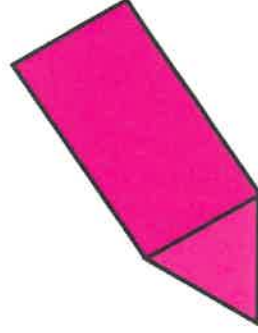
pyramid



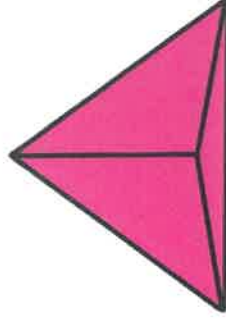
cuboid



cone



triangular  
prism



tetrahedron

