


# Numbers and Calculating

**The ideas below will support your child's understanding and fluency with numbers and calculating.**

- Count and calculate items of food at dinner time. ("How many more sausages do we have altogether?", "How many more chips do I have than you?").
  - Any games involving calculating scores, e.g. scrabble, quoits, darts, and bowling.
  - Ask 'The answer is 10 (or any number), what's the question?' (Possible responses could be the square root of 100,  $2.5 \times 4$ , 60 divided by 6, etc). This is a brilliant activity because there is more than one answer, it stimulates thinking about and stretching knowledge of numbers and mathematical relationships.
  - Play 'ping pong' to practise number bonds with your child. You say a number. They reply with how much more is needed to make 50, 100 or 1000.
  - Use a set of playing cards. Turn over two cards and ask your child to add or multiply the numbers. If they answer correctly, they keep the cards. How many cards can they collect in 2 minutes?
  - Go shopping with your child to buy two or three items. Ask them to work out the total amount spent and how much change you will get.
  - Buy some items with a percentage extra free. Help your child to calculate how much of the product is free?
  - Throw 2 dice. Ask your child to find the total of the numbers (+), the difference between them (-) or the product (x).
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- A decorative graphic in the bottom right corner consisting of a dense, overlapping pattern of black and white numbers, including digits 0 through 9, arranged in a somewhat chaotic but rhythmic fashion.



# Shapes, graphs and measuring

**A lot of ideas that support children's understanding of shapes and measurements can be done practically, when you are cooking or cleaning for example. They will enjoy applying their Maths skills.**

- Weighing, measuring capacity and timing
- when cooking. Converting a recipe for 4 people to one for 6 people.
- Being involved with measuring and calculating how much curtain fabric is needed, how much wood for shelves, how many wall or floor tiles are needed, how much carpet etc.
  - Talking about time, e.g. How long is it until lunch time? The journey takes 2½ hours, when will we arrive? We need to be there at 2.00 pm, when do we need to leave home? Many children will still need practice with reading clock times, particularly 'minutes past' and 'minutes to' the hour.
  - Handling amounts of money when shopping, working out total costs, working out change, checking receipts. Working out prices of sale items, e.g. 20% off. Managing pocket money and saving for things.
  - Working out distances and directions from maps.
  - Discussing and comparing house prices from newspaper house sales pages.
  - Working out how much petrol will be used on a journey, working out average speed for a journey, costing journeys or holidays etc.



# Overview of the year

Your child will develop a wide range of skills and knowledge in Maths over the year. Talk to your child about what they did in Maths and about how well they are doing.

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# Top Tips

## Why is Maths important and how can you help your child?

In this leaflet, you will find some great ideas to help you to support your child with their Maths.

Talk to your child's class teacher for more ideas and help. Visit some of the websites listed so your child can practise their Maths.

### Useful websites



<http://www.sumdog.com/>  
<https://www.activelearnprimary.co.uk/login> - All children have their own account to play the games and activities.



<http://www.bbc.co.uk/bitesize/ks2/maths/>



<http://resources.woodlands-junior.kent.sch.uk/maths/>

<https://secure.dbprimary.com/esussex/primary/churchwood/arenas/churchwoodcpschool>

- Try to make Maths as much fun as possible – games and puzzles are a great place to start. It's also important to show how we use maths skills in our everyday lives and to involve your child in this.
- If they struggle to understand, make mistakes, or get bored: keep calm and try to stay patient or they may be put off.
- Don't be surprised or put off if children count with their fingers or reach for other items to help them work something out. Children use a lot of apparatus in all year groups across the Academy. Let them do this!
- Check with the school for any specific help which would be useful. Also check the methods they are teaching for any specific content, such as written methods of calculating.
- Don't shy away from maths if you didn't like it at school. Try to find new ways to enjoy the subject with your child.



***At Churchwood Everyone Can***



**How to  
help your child  
with Maths  
Upper Academy**