



Ashdene Primary School

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How to help at home: Year 3

Maths

Children knowing their times table facts is very important as these are needed in order for children to be successful in many areas of the maths curriculum such as multiplication, division, fractions and area. Our aim in Year 3 is to ensure children know the 10x, 2x, 5x, 4x, 3x and 8x tables as fluently as possible so they are prepared for the Multiplication Times Table Check (MTC) which they will sit in Year 4. We will be practicing quick recall of times tables as frequently as possible. Below are some ideas you could try at home to help your child with different areas of math.

Tips: Use the facts you know to work out the ones you don't. If you know the x2 table, you can double these facts so that you know the x4 table. If you know the x4 table, you know your division facts to match e.g. if you know $3 \times 4 = 12$, you know that $12 \div 3 = 4$. Use any minute you can to test your children on their times tables- in the car, on the way to school etc.

Money: You can use opportunities such as shopping to look at the cost of several items and how much change they expect to receive from a variety of amounts. Show the children real money and have discussions around which coins would be best to use e.g. 'which coins would I need if something cost £3.67?'

Other online games/websites
<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>
<http://www.primaryhomeworkhelp.co.uk/maths/timestable/interactive.htm>
<https://www.timestables.co.uk/>

TT Rockstars: The way children answer questions when playing this online game is very similar to the MTC in Y4. Regularly playing on this will be excellent preparation. The Sound Check on TT Rockstars replicates the Y4 test and we recommend that your child practices this regularly.

Towers: Get some paper cups and write times table facts or answers on the outside and the answers or facts on the inside. Give children one minute to answer as many questions on the cups as they can. Each one they get right; they can use to build a tower. Challenge them to get a taller tower each time.

Measures: Experience some real life measures at home. This could be done with some baking, building or timed events. Can your child convert measures between m to cm to mm, hours to minutes to seconds and weight conversions including grams and kilograms?

Time!

Time is a tricky one for the children to get their heads around! If you have an analogue clock at home, ask your child the time as often as possible. Ask them what time it will be in ... minutes. This will help them get used to the clock and you will be able to address any misconceptions with them. Here are some website with fun games the children can play to practise the time.

<https://www.topmarks.co.uk/Search.aspx?q=telling+time>
<https://uk.splashlearn.com/time-games>
<http://www.maths-games.org/time-games.html>

Mental Fluency

Throughout the year, your child will focus on different mental maths strategies. Please continue to support this by giving your child different calculations and asking them which strategy they would use and why in order to solve it.

MA6: Number Bonds
 $43 + 9 + 7 + 21 = 80$
 50 30

MA2: Round & Adjust
 $45 + 97 = 142$
 $45 + 100 - 3$
 $145 - 3 = 142$

MS4a: Counting On
 $302 - 297 = 5$
 297 302

MM10: Jump!
 $\times 100$ 3400
 $\times 10$ 340
 34

MA1: Partitioning
 $57 + 25 = 82$
 $70 + 12 = 82$

MA3: Partitioning
 $123 - 28 = 95$
 123 100 95

MA1: Manipulate Calculation
 $45 + 97 = 142$
 $42 + 100 = 142$

MA2: Round & Adjust
 $463 - 97 = 366$
 $463 - 100 + 3$
 $363 + 3 = 366$

MA4a: Counting On
 $85 + 50 = 135$
 85 135

MM6a: Doubling
 Double 37 = 74
 $60 + 14 = 74$

MS5a: Counting Back
 $378 - 50 = 328$
 328 378

MA5: Double & Adjust
 $7 + 8 = 15$
 $7 + 7 + 1$
 $14 + 1 = 15$



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Spelling

In Year 3, children are taught to spell words with prefixes and suffixes. They should be able to correctly spell a wide number of homophones as well as using the possessive apostrophe accurately in words.

Boggle

Choose 16 letters (vowels and consonants). How many words with a specific pattern can children make?

Silly sentences

Practice writing silly sentences that make sense using words from their spelling list.

Pattern Spotting

When reading, look for words that follow the spelling pattern. Add these words to their spelling books to help in school when writing.

Mind reader

Pick a word from their spelling list and give them clues to help them guess e.g. it has 4 letters, it starts with a vowel and ends in a consonant, it has one syllable etc. Crosswords can also be created online to support with this.

Hangman

Try to figure out your partner's word by guessing letters. Each incorrect letter is part of the drawing. Guess the word before the hangman is complete.

Anagrams

Using the spelling list or a word following the spelling pattern, jumble the letters up. Can it be unscrambled within a time frame?

Writing, Grammar and Punctuation

In Year 3, children should be able to write at length, considering the genre, audience and purpose of their writing. Writing should include a range of sentence types with more than one clause. Words should be chosen carefully to ensure clarity and cohesion. Children need to understand and use grammatical terminology from the Y3 National Curriculum and apply this in their writing.

Spotting what they've learnt

We have covered many new grammar points in year 3 (speech, time adverbials, coordinating and subordinating conjunctions, past progressive and the present perfect). When the children are reading, ask them to spot and point out things they have learnt. Can they teach you about it?

Editing

Ask children to proof read your writing. They love finding mistakes in someone else's work!

Choose a section from a text that they enjoy or found boring; can they rewrite the same section to make it better?

Online grammar games

<https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar>
<https://www.teachwire.net/news/7-of-the-best-online-grammar-games-for-ks2>
<http://www.crickweb.co.uk/ks2literacy.html>

Magpie Book

Keep a notebook nearby when reading. When children find a new and exciting word, add it to their magpie book so they don't forget it!

They can then use this notebook when they are writing for pleasure.

From boring to brilliant

Take a boring sentence and get children to add/take away words, change words, reorder words, add an ending/beginning. Can they create a summarising sentence to entice others to read what they have written?

Reading

In Year 3 children should be reading for meaning, showing a greater understanding of what they have read. They should be developing a wide vocabulary and start drawing inferences from what they have read. They need to be able to read **and understand** a text quite quickly. For all these reasons, we recommend that children read at home every day for 20 minutes.

When reading at home:

- Encourage children to ask questions to develop a greater understanding.
- Discuss the meaning of new and unfamiliar vocabulary.
- Discuss words and phrases that capture the reader's interest.
- Ask children questions where they have to hunt for the answer within the text or where the answers are not obvious so they have to use their inference and reasoning skills.
- Discuss the characters and events in the story. Can children explain their thoughts using words from the texts?
- Discuss similarities and differences between books that the children have read.
- Can children summarise what has happened in a chapter? Can they do this in 20, 10 or even 5 words?
- Read aloud with expression.

Read for purpose. Can children follow a recipe or a set of instructions? Can they research their favourite animal?