

Year	List of sites to use on the internet	Description
KS2	<a href="https://www.topmarks.co.uk/Search.aspx?q=phonics%20play">https://www.topmarks.co.uk/Search.aspx?q=phonics%20play</a>	This will help your child with their phonics development
	<a href="https://www.ictgames.com/">https://www.ictgames.com/</a>	Maths and Literacy games
	<a href="https://trockstars.com/">https://trockstars.com/</a>	Timestable rockstars Number bonds and timestable
	<a href="https://www.timestables.co.uk/">https://www.timestables.co.uk/</a>	Times tables and games to practise skills and recall
	<a href="http://scratch.co.uk/">http://scratch.co.uk/</a>	Coding/algorithm practise
	<a href="https://www.booktrust.org.uk/">https://www.booktrust.org.uk/</a>	Books available to read on line
	<a href="https://www.literacyshed.com/home.html">https://www.literacyshed.com/home.html</a>	Short films with questions literacy links.
	<a href="https://myminimaths.co.uk/">https://myminimaths.co.uk/</a>	Arithmetic questions and tests
	<a href="https://www.bbc.co.uk/bitesize/levels/zbr9wmn">https://www.bbc.co.uk/bitesize/levels/zbr9wmn</a>	Yr 6 revision grammar, maths and reading

## Maths Home Learning Grid (Y5)

Every day, practise your tables, play a maths game and choose one or two things to work on. Watch the video link for each one and then have a go yourself!

### **Times Tables**

Spend at least 15 minutes a day practising your times tables

<https://ttrockstars.com/>

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

<https://www.timestables.co.uk/>

You could make your own revision cards, ask family member to test you or even create your own 5 minute times table challenge grid!

### **Maths Games**

Choose a maths game to play each day.

Have a go at inventing your own maths game.

<https://matr.org/blog/fun-maths-games-activities-for-kids/>

Link to maths games videos:

[https://www.youtube.com/watch?v=foj6ujoT\\_HU&list=PLWIJ2KbiNEyoBDc5yLJ4PaiaY3o5E5xCB](https://www.youtube.com/watch?v=foj6ujoT_HU&list=PLWIJ2KbiNEyoBDc5yLJ4PaiaY3o5E5xCB)

Link to maths playground, a website full of different types of maths games:

<https://www.mathplayground.com/>

Have a go at playing some of these! Scroll down for the higher number ranges.

<https://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing-numbers>

### **Column Subtraction**

Use a dice to generate two numbers with at least 5 digits.

Practice your column subtraction and don't forget to exchange!

Challenge yourself - how many different calculations can you create from the original set of numbers you have rolled?

Link to video for column subtraction of 2 5-digit numbers:

[https://www.youtube.com/watch?v=mqSDo683N\\_8](https://www.youtube.com/watch?v=mqSDo683N_8)

### **Column Addition**

Use a dice or pack of playing cards to generate two numbers with at least 5 digits

Practice your column addition!

Challenge yourself - how many different calculations can you create from the original set of numbers you have rolled?

Link to video for column addition of 2 5-digit numbers:

<https://www.youtube.com/watch?v=WBIYGzFKOY8>

### **Short multiplication**

Create your own set of digit cards from 0-9. Turn them face down on a table. Select 5 and make yourself a 1 digit by 4-digit calculation. Then solve. See how many different calculations you can make!

Alternatively, give yourself a challenge number e.g. 7,891. Try to create a multiplication calculation that makes this number.

Race or challenge your parent/career or older sibling!

Video link for short multiplication:

[https://www.youtube.com/watch?v=QrKqvhV-j\\_Q&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index=13](https://www.youtube.com/watch?v=QrKqvhV-j_Q&list=PLWIJ2KbiNEyq1iZ36fRe-xTJ4NNZsmYz9&index=13)

### **Long multiplication and area method (grid method)**

Using a dice, playing cards or number cards generate a multiplication that is 2-digit x 2-digit, 2-digit x 3-digit or 2-digit x 3-digit.

### **Area method**

Solve it using the area method.

You will need to draw your grid two down by the number of digits across e.g. if you are doing 2d x 2d then your grid needs to be 2 down and 2 across.

Link to video for area/grid method:

<https://www.youtube.com/watch?v=QybG496avOs>

### **Long multiplication**

Solve it using the long multiplication method

Top tip! Make sure you lay it out correctly and don't forget your place marker 0!

Link video for long multiplication:

<https://www.youtube.com/watch?v=C7i8IWfzCtI>

### **Division (Bus stop method)**

Using your dice or pack of cards, generate a division question that is 2-digit ÷ 1-digit, 3-digit ÷ 1-digit or 4-digit ÷ 1-digit.

Solve it. How many different problems can you create from your original set of digits?

Challenge! Have a go at writing your remainders as a decimal!

Link to video for dividing numbers up to 4-digit by 1-digit (remainders a whole numbers):

<https://www.youtube.com/watch?v=FAPcjdAhrY>

Link to video for dividing numbers up to 4-digit by 1-digit (remainders as a decimal):

<https://www.youtube.com/watch?v=gmNie3s4hcl>

### **Order and compare fractions**

Make a list of 10 fractions where the denominators are multiples of the same number e.g.  $\frac{2}{3}$ ,  $\frac{4}{9}$ ,  $\frac{2}{12}$  and  $\frac{7}{15}$ .

Put them in ascending order. You might want to draw a bar model to help you (just make sure all your bars are the same length!) or you could use the maths bot link below to help.

Link to maths bot website (manipulatives):

<https://mathsbot.com/#Manipulatives>

### **Simplify fractions**

Make a list of 10 fractions where the numerator is more than 1 (ideally 2 digits). E.g.  $\frac{8}{12}$ ,  $\frac{8}{10}$ ,  $\frac{24}{50}$  and  $\frac{8}{36}$ .

Convert each fraction to its simplest form. Find the highest common factor between the numerator and denominator. Then, divide both the numerator and denominator by this number.

Links to video for simplifying fractions:

[https://www.youtube.com/watch?v=sJAGR\\_jmR90](https://www.youtube.com/watch?v=sJAGR_jmR90)

<https://www.youtube.com/watch?v=1uSlOnNZr80>

### **Adding and subtracting fractions (with the same denominator)**

Use lego or print fraction circles off the internet to help you to practise adding and subtracting fractions with the same denominator.

Link to video showing adding fractions with the same denominator:

<https://www.youtube.com/watch?v=mO53rHEIQR4>

Link to video showing adding fractions with different denominators:

<https://www.youtube.com/watch?v=tDQipFjAoT8&t=22s>

Link to video showing subtracting fractions with the same and different denominators:

<https://www.youtube.com/watch?v=c5dNa2TVHiQ>

### **Multiplying and dividing by 10, 100 and 1,000**

Make your own place value grid and place value slider and try multiplying different numbers by 10, 100 and 1,000. Your grid will need to go from millions down to thousandths. Can you work out what happens when you have decimal numbers?

Link to video on multiplying by 10, 100 and 1,000:

<https://www.youtube.com/watch?v=d1oI845U9XQ>

Link to video on dividing by 10, 100 and 1,000:

<https://www.youtube.com/watch?v=OdIBqXqoEWc>

### **Right, acute and obtuse angles**

Make your own angle eater/right angle tester and go around your house/garden looking for right, acute and obtuse angles.

Link to video showing investigation of right, acute and obtuse angles:

[https://www.youtube.com/watch?v=S\\_pOSTXaf9s&list=PLWIJ2KbiNEyrTqPf1uBkSPri4zSMmL09L](https://www.youtube.com/watch?v=S_pOSTXaf9s&list=PLWIJ2KbiNEyrTqPf1uBkSPri4zSMmL09L)

### **Identifying angles**

Have a go at estimating angles using this interactive online game!

Link to maths playground website:

<https://www.mathplayground.com/alienangles.html>

### **Telling the time in analogue**

Practise telling the time in analogue. You can choose to practice reading the time to o'clock an half past:

<https://www.youtube.com/watch?v=V32tRiEQ2AA&t>

Once you are confident with this, have a go at telling the time to quarter past & to:

<https://www.youtube.com/watch?v=86RbCwhdJSs>

If you can do this, have a go at telling the time to 5 minutes:

<https://www.youtube.com/watch?v=QJkYONqIYQM>

Finally have a go at reading the time to the nearest minute:

<https://www.youtube.com/watch?v=ohgPNOjOcf4>

## Literacy Home Learning Grid (Y5)

Please complete daily reading and spelling. Then five sessions of literacy over the week. A weekly spelling slot, a weekly grammar slot and then one of the writing tasks. You can complete the writing tasks in any order.

### **Daily Reading**

Read for 20 minutes a day. You could read:

- A book
- A magazine
- An internet article
- An online book for example :
  - <http://www.magickeys.com/books/>
  - <https://www.kidsworldfun.com/ebooks-the-mouse-that-was.php>

Then fill in your reading log. If you have lost it, just make your own reading log on a piece of paper.

### **Daily Spelling**

Carry on learning your spellings. Decide on a set of 5 to 10 spellings each week.

Write them down.

Practice them for 10 minutes every day.

Get someone to test you.

Write down how many you got right.

If you got some wrong, add them to your list for next week.

- ❖ Year 5/6 [https://cdn.oxfordowl.co.uk/2019/08/29/13/56/09/5a42eb6a-f57f-4dc4-a66e-bd4c5e27e4b7/SpellingWordList\\_Y5-6.pdf](https://cdn.oxfordowl.co.uk/2019/08/29/13/56/09/5a42eb6a-f57f-4dc4-a66e-bd4c5e27e4b7/SpellingWordList_Y5-6.pdf)  
[https://www.spellzone.com/word\\_lists/games-10609.htm](https://www.spellzone.com/word_lists/games-10609.htm)
- ❖ Year 3/4 [https://cdn.oxfordowl.co.uk/2019/08/29/13/54/08/76f1443d-9b6d-4030-be0d-25fcfef01438/SpellingWordList\\_Y3-4.pdf](https://cdn.oxfordowl.co.uk/2019/08/29/13/54/08/76f1443d-9b6d-4030-be0d-25fcfef01438/SpellingWordList_Y3-4.pdf)
- ❖ Year 2 spellings <https://monsterphonics.com/wp-content/uploads/2018/05/Common-Exception-Word-Flashcards-Colour-Coded-1-unprotected..pdf>
- ❖ Year 1 <https://monsterphonics.com/wp-content/uploads/2018/05/Year-1-CE-colour-unprotected.pdf>

There are lots of ways that you can learn your spellings such as creating a word search or cross word, mnemonics, word shapes, word pyramids as well as read, write, cover, check.

### **Weekly spelling**

At least once a week, practice spellings that you are learning and those which you have learned by using online games.

Phonics: <https://www.phonicsbloom.com/>

Tablet friendly spelling and phonic games: <https://www.topmarks.co.uk/english-games/5-7-years/words-and-spelling>

Spelling games from Years 1 to 6: <https://spellingframe.co.uk/>

### **Weekly grammar and punctuation**

At least once a week, practice your grammar and punctuation skills.

<https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar>

<https://www.topmarks.co.uk/english-games/7-11-years/writing>

<https://www.topmarks.co.uk/english-games/7-11-years/punctuation>

<http://www.funenglishgames.com/grammargames.html>

For guidance on grammar: <https://www.theschoolrun.com/grammar-in-primary-school>

**Writing task 1** (this should take two to three hour long sessions).

Watch: <https://www.literacyshed.com/thewaybackhome.html>

You then have the choice of:

- ❖ Writing a diary/recount of the adventure.
- ❖ Writing a holiday brochure page for their destination.
- ❖ Write conversation between the boy and the alien.
- ❖ Write a description of the alien or the strange place in which they land.

### **Step 1 - Write a plan**

Decide which piece of creative writing you would like to do and bullet point your ideas. Where will you start? Where will you end? How will you lay it out?

Think about/research how the style of writing you are doing is composed. E.g. begin your diary with 'Dear diary' or draw illustrations for your holiday brochure.

### **Step 2 - Write**

Write your first draft.

### **Step 3 - Proof read and edit**

Have you prove read to check it makes sense?

Have you checked capital letters, full stops, exclamation marks, question marks and speech marks?

Have you remembered paragraphs?

Have you used a variety of different sentence starters, and punctuated them correctly with a comma?

<https://www.mrmichaelmccloskey.com/upskill-my-writing.html>

Have you included an expanded noun phrase?

<https://www.theschoolrun.com/what-is-a-phrase>

Have you included a compound sentence with a comma?

Have you included a complex sentence?

<https://www.theschoolrun.com/what-are-simple-compound-and-complex-sentences-0>

Have you included a relative/embedded clause?

<https://www.theschoolrun.com/what-is-a-relative-clause>

Have you remembered interesting vocabulary?

Have you checked your spelling? <https://kids.wordsmyth.net/we/>

**Writing task 2** (this should take two to three hour long sessions).

Watch: <https://www.literacyshed.com/catchit.html>

You then have the choice of:

- ❖ Tell the story from a meerkat's point of view.
- ❖ Write down what the vulture was thinking.
- ❖ Describe the beautiful setting of the African plains.
- ❖ Create some dialogue between the meerkats at various points in the film.

### **Follow Steps 1 - 3 (see task 1)**

**Writing task 3** (this should take two to three hour long sessions).

Watch: <https://www.literacyshed.com/littleshoemaker.html>

You then have the choice of:

- ❖ Retelling the story.
- ❖ Create a new plan to get rid of the shoemaker.
- ❖ Explanations or instructions about how to make magic shoes.

### **Follow Steps 1 - 3 (see task 1)**

**Writing task 4** (this should take two to three hour long sessions).

Watch: <https://www.literacyshed.com/pigeon-impossible.html>

You then have the choice of:

- ❖ Create comic strips and picture boards from the story
- ❖ Write more missions for Walter which are spoilt by the pigeon,

- ❖ Write a news report on events, interviewing key witnesses etc.

**Follow Steps 1 - 3 (see task 1)**

**Writing task 5** (this should take two to three hour long sessions).

Watch: <https://www.literacyshed.com/teeth.html>

You then have the choice of:

- ❖ Write the story from the point of view of each man.
- ❖ Decide what each man is saying to each other and create a conversation.
- ❖ Write an alternative ending - perhaps one of them catches another fish, one fisherman may fall overboard in the excitement.

**Follow Steps 1 - 3 (see task 1)**

**Writing task 6** (this should take two to three hour long sessions).

Watch: <https://www.literacyshed.com/diving-giraffes.html>

You then have the choice of:

- ❖ Write a news report of the event.
- ❖ Describe the giraffe in detail.

**Follow Steps 1 - 3 (see task 1)**