

Year 6 – Autumn Term 2 Homework.

Each week in your diary, your class teacher will ask you to write down the week number so that you know which week to complete. The Maths homework will need to be completed on paper and bought in the following Monday

Within each week, you can use the following links to support you with your work. Please see a snippet from our 'Home Learning Expectations for Parents' which is taken from our current policy.



Home Learning expectation at HJS:

All pupils at HJS will be asked to complete homework for:

- Reading, spelling and number facts or times tables practise.
- Each activity should take 10 minutes.
- Each activity should occur a minimum of 5 times per week (this can be spread over the weekend if your family schedule requires it, but no additional homework will be set for the weekend)
- An adult must sign the home school diary to confirm that this has been done
- The home school diary must be in school every day
- The specific activities provided by each year group may differ but will all focus on developing, reinforcing and refining the core skills.

An incentive may be offered for completing these requirements and having this recorded in the home school diary. These may include an additional play time. Additional tasks may be set in year 6 if required to support their transition to secondary school.

If you would like additional challenges to complete at home, please go to our school's website to print off the English/Maths badges for Reading, Writing and Maths.

Maths - <https://www.hpp.school/junior-school/teaching-learning/mathematics>

English - <https://www.hpp.school/junior-school/teaching-learning/english>

WEEK 1 – Fraction Revision – Adding, Subtracting, Multiplying and Dividing

Week Commencing – 2nd November, 2020

| Topic | Useful Links |
|---|---|
| <p data-bbox="203 371 402 401">Adding Fractions</p> $\frac{1}{5} + \frac{3}{4} = \boxed{}$ | <p data-bbox="824 371 1377 436">Complete the Video and do some test practise before you start:</p> <p data-bbox="831 474 1143 504"><i>Adding and Subtracting Fractions</i></p> <p data-bbox="824 506 1409 535">https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/z9n4k7h</p> |
| <p data-bbox="203 682 456 711">Subtracting Fractions</p> $\frac{3}{4} - \frac{3}{8} = \boxed{}$ | <p data-bbox="824 716 1143 745"><i>Adding and Subtracting Fractions</i></p> <p data-bbox="824 747 1409 777">https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/z9n4k7h</p> |
| <p data-bbox="203 934 456 963">Multiplying Fractions</p> $\frac{1}{4} \times \frac{3}{7} = \boxed{}$ | <p data-bbox="824 934 1393 963">Complete the Video and do some test practise before you start:</p> <p data-bbox="824 966 1403 995">https://www.bbc.co.uk/bitesize/topics/zhdwxnb/articles/z8fyv4-j</p> <p data-bbox="824 1031 1312 1060">Multiplying Mixed Numbers by a Proper Fraction</p> <p data-bbox="824 1062 1317 1092">https://www.youtube.com/watch?v=jcetv-5QDww</p> |
| <p data-bbox="203 1186 418 1215">Dividing Fractions</p> $\frac{4}{5} \div 4 = \boxed{}$ | <p data-bbox="824 1186 1068 1215">Dividing Fractions Tutorial</p> <p data-bbox="824 1251 1292 1281">https://www.youtube.com/watch?v=yRR6HDstl_WQ</p> |

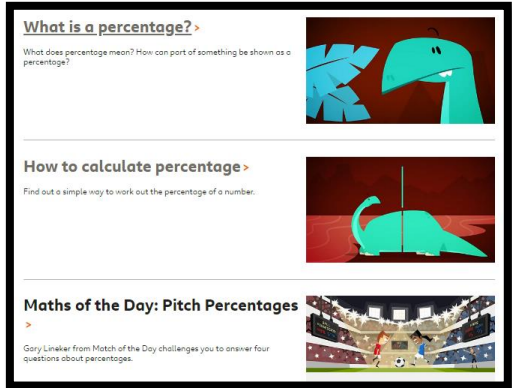
WEEK 2 – BIDMAS and Subtracting Decimals

Week Commencing 9th November, 2020.

| Topic | Useful Links |
|---|---|
| <p data-bbox="201 373 293 403">BIDMAS</p> $50 + (36 \div 6) = \boxed{}$ <p data-bbox="201 596 350 810">Brackets Indices Division Multiplication Addition Subtraction</p> | <p data-bbox="824 373 1390 445">Complete the Video and do some test practise before you start:</p> <p data-bbox="824 483 1399 516">https://www.bbc.co.uk/bitesize/guides/zsnycdm/video</p> |
| <p data-bbox="201 852 431 886">Subtracting Decimals</p> $34.8 - 9.76 = \boxed{}$ | <p data-bbox="824 852 1351 924">This video will provide some examples for how to calculate these questions:</p> <p data-bbox="824 961 1383 995">https://www.youtube.com/watch?v=MdthGCQfCOo</p> <p data-bbox="824 1075 1351 1108">https://www.bbc.co.uk/bitesize/articles/z6t3hcw</p> |

WEEK 3 – Percentages (Using and applying our knowledge of 10%, 1%, 25%, 50% to answer questions such as 20%, 35% etc of a number).

Week Commencing 16th November=, 2020.

| Topic | Useful Links |
|--|--|
| <p>Percentages</p> <p>TOP TIPS <i>(Learn these)</i></p> <p>10% - Divide by 10 1% = Divide by 100 5% - Divide by 10 and then Divide your answer by 2 50% - Divide by 2 25% - Divide by 4</p> <p>20% - Divide by 10 and Multiply your answer by 2</p> <p>Using and Applying To calculate 35% you could: Find 10 % Find 30% (10% x 3) Find 5% (10% divided by 2) Add your 30% + 5% to retrieve your final answer.</p> | <p>Work through the 4 clips from this BBC bitesize revision</p> <p>https://www.bbc.co.uk/bitesize/topics/zn_jqtfr</p>  <p>The screenshot shows three video thumbnails from BBC Bitesize. The first is titled 'What is a percentage?' with a question 'What does percentage mean? How can part of something be shown as a percentage?' and a blue dinosaur illustration. The second is 'How to calculate percentage' with the instruction 'Find out a simple way to work out the percentage of a number.' and a blue dinosaur illustration. The third is 'Maths of the Day: Pitch Percentages' with a challenge 'Gary Lineker from Match of the Day challenges you to answer four questions about percentages.' and a football pitch illustration.</p> |

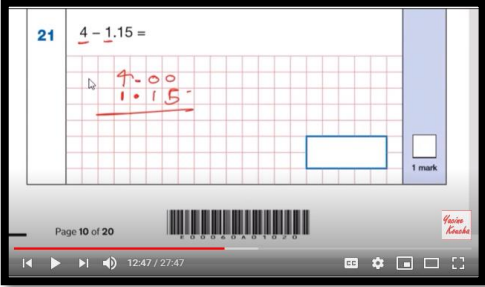
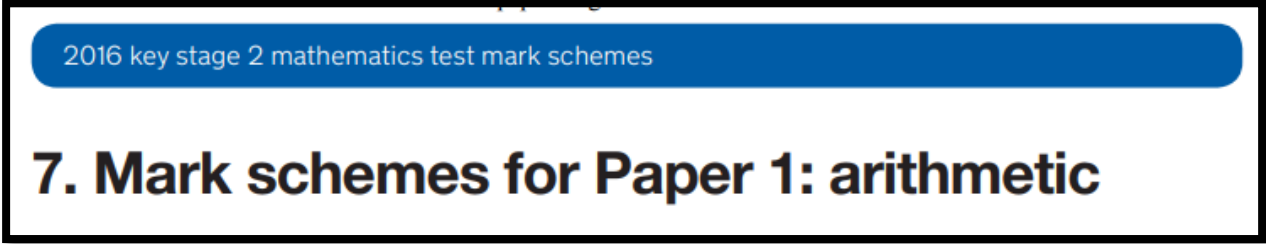
Week 4 – Arithmetic Paper

Week Commencing 23rd November 2020

Last week was assessment week.

Have a go at the Arithmetic 2016 paper – The link will talk you through the whole paper if you get stuck! You can self assess your work against the mark scheme link as well. Remember this is not a test so you do not need to do it under timed conditions.

Also, we know some of you may have been taught other methods (from outside of school tutoring) to solve certain calculations, you can of course use these but make sure you are accurate!


| Topic | Useful Links |
|--------------------------------|--|
| 2016 Arithmetic Paper 1 | <p>Step by step guide how to complete the questions:</p>  <p>https://www.youtube.com/watch?v=JIAy3VAxolU&list=PLr0eAylKFTLYkrbKmCexl_rlt4IMmQAYgx&index=10</p> |
| Mark Scheme for the 2016 Paper | <p>Scroll to Page 12 to start marking your paper</p> <p>http://www.satspapers.org/SATs%20papers/2016%20onwards/2016%20Maths/2016_ks2_mathematics_markschemes_PDFa.pdf</p>  |

WEEK 5 – Angles

Week Commencing 30th November, 2020

(Measuring Angles, Calculating angles along a straight line, around a point and inside a triangle.

This week for homework, your work will be revision on line. What we would like you to do is revise the key areas for angles and then work through **each quiz** or **practise activity** on BBC bitesize. Please complete your work on paper and hand this in. Remember to self assess your work.

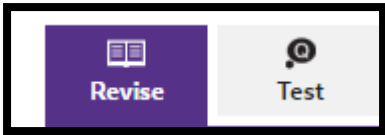
| Topic | Links |
|---|---|
|  | https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zg68k7h |
|  | https://www.bbc.co.uk/bitesize/articles/zrvm8hv |
|  | https://www.bbc.co.uk/bitesize/articles/zdp8bqt |
|  | https://www.bbc.co.uk/bitesize/articles/z8twr2p |

WEEK 6 – Circles Translation, Reflection and Symmetry

Week Commencing 7th December, 2020




This week for homework, your work will be the same as last week – revision online. What we would like you to do is revise the key areas for translation, reflection and symmetry. Please complete the work online. There will be nothing to hand in this week!

| Topic | Links |
|---|---|
| What are the parts of a circle? | https://www.bbc.co.uk/bitesize/topics/zvmxsbk/articles/z8c7qty |
| How can you transform a shape? | https://www.bbc.co.uk/bitesize/topics/z2dqrwx/articles/zcjs9Zh |
| What makes a shape symmetrical? | https://www.bbc.co.uk/bitesize/topics/zrhp34j/articles/z8t72p3 |
| What is reflection? | https://www.bbc.co.uk/bitesize/topics/zbssgk7/articles/zqdx82 |
| Complete the revision and test  | https://www.bbc.co.uk/bitesize/guides/zsktyrd/revision/1 |

WEEK 7 – Self – Directed Learning

Week Commencing 7th December, 2020

This week, we would like you to log into the Year 6 BBC Bitesize Lessons and select an area that you would like to revise. You can complete this work on a piece of paper and bring it in for the New Year! .

| Topic | Link |
|--|--|
| <p>You can click on the area you want to revise.</p>  <p>Year 6 and P7 lessons</p> <p>I am in Year 6 / P7</p> <p>Maths English</p> <p>Filter by topic 13 lessons</p> <p>Addition and subtraction Fractions Geometry Multiplication and division</p> <p>Number and place value</p> | <p>https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons</p> |