

Maths Homework Grid (Y2)

Practise your number facts, play a maths game and choose one other thing to work on each day. The video links are there to help you understand the activities.

<p><u>Additional year 2 work to support Maths SATs can be found here:</u> https://www.theschoolrun.com/ks1-maths-sats-what-is-tested-in-the-y2-assessments</p>	<p>Practise counting forwards from 0 in 2s. Practise counting forwards from 0 in 3s. Practise counting forwards from 0 in 5s. This game could support this (skip counting in 2 or 5) Practise counting forwards and backwards from any given number in 10s.</p>
<p><u>Maths Games</u> Choose a maths game to play each day. Have a go at inventing your own maths game. Link to a blog on maths games: https://matr.org/blog/fun-maths-games-activities-for-kids/</p> <p>Play on The Mental Maths Train Game - practise adding and subtracting</p>	<p><u>Count in multiples of 2, 5 and 10</u> Use raisins, grapes, cereal pieces etc... to help you practise counting in multiples of 2, 5 and 10. You could also use coins.(2p 5p 10p) Group into 2s to practise counting in 2s, group into 5 to practise counting in 5s and into 10 to practise counting in 10s. Once you have done it with the objects, draw out circles to help you practise counting in 2s, 5s and 10s.</p>
<p><u>Number facts</u> Choose 5 addition facts from the grid on the next page to practise each day. Spend 10 minutes each day practising your number bonds, doubling & halving and times tables. You can practise by writing the facts, saying them with an adult or online, Link to a website for practising: https://www.topmarks.co.uk/maths-games/hit-the-button</p> <p>Play on Number Fact Families - find the addition and subtraction fact families for numbers up to 20, 50 or 100.</p>	<p><u>Place value</u> Recognise the place value for numbers up to 99 in this place value basketball game Make your own tens and ones using straws, toothpicks, pencils (or anything else you can think of which you can make into bundles of ten). Have a go at using them to make different 2-digit numbers. Use plates to make your own part-whole models. Once you are confident, have a go at drawing out your tens and ones as pictures. https://www.youtube.com/watch?v=vBIZal-8Kr4&list=PLWIJ2KbiNEyplZvdo0-OU48R3KSq3ywhV&index</p>
<p><u>Place value</u> Play the 'Guess my Number' (based on Guess Who) place value game. Make 2 identical sets of 2-digit number cards. Two players take turns to ask a question which has a Yes or No answer, e.g. is it odd? They then turn over all cards which do not fit the clue. Continue until you can guess your partners number and win.</p> <p>Link to 'Guess my Number' video (you can just use 2 digit numbers): https://www.youtube.com/watch?v=wzvQ5R-A0Bk&list=PLWIJ2KbiNEyplZvdo0-OU48R3KSq3ywhV&index</p>	<p><u>Addition</u> Practise adding numbers together by playing games with dice. Have a go at playing 'Pig' and 'Skunk' and then try and think of your own game Link to dice game 'Pig': https://www.youtube.com/watch?v=foj6ujoT_HU&list=PLWIJ2KbiNEyplZvdo0-OU48R3KSq3ywhV&index 4PaiaY3o5E5xCB&index Link to dice game 'Skunk': https://www.youtube.com/watch?v=SWReEQOvr4&list=PLWIJ2KbiNEyplZvdo0-OU48R3KSq3ywhV&index 4PaiaY3o5E5xCB&index</p>
<p>Select a number between 2 and 20. Make a poster showing how many different ways to make this number using addition, subtraction, multiplication etc</p>	<p>Write the numbers to 100 in numerals and words BBC Bitesize – fractions</p>

<p>Play on Number Balance - play levels 1, 2 and 3. Make the scales equal by ensuring that both sides total the same value.</p>	<p>https://www.bbc.co.uk/bitesize/subjects/zjxhfg8 Topmarks – activities for 5-7 year olds https://www.topmarks.co.uk/maths-games/5-7-years/counting</p>
<p>Number bonds to 10 Practise your number bonds to 10 by playing the Total of 10 and the 'Make 10' pyramid card game. Link to the 'Total of 10' card game: https://www.youtube.com/watch?v=SD028NO-ZGc&list=PLWIJ2KbiNEyoBDc5yLJ4PaiaY3o5E5xCB&index=5&t Link to the 'Make 10 Pyramid' card game: https://www.youtube.com/watch?v=3IFFRWkMWGk&list=PLWIJ2KbiNEyoBDc5yLJ4PaiaY3o5E5xCB&index Can you make up your own game to practise number bonds to 10?</p>	<p>10 more and 10 less Make your own tens and ones using straws, toothpicks, pencils (or anything else you can think of which you can make into bundles of ten). Make your own tens and ones baseboard and practise adding and subtracting 10 from your number. Link to video on adding 10: https://www.youtube.com/watch?v=gqUjt9rkYCU&list=UUob4tkfOSXy6yav9Y54SKIQ&index play the Mental Maths Train Game – Ten more https://www.topmarks.co.uk/maths-games/mental-maths-train</p>
<p>Time (o'clock, half past, quarter past and quarter to) Why don't you make your own clock and have a go at telling the time to o'clock and half past using just the hour hand? Once you are confident with that, have a go at telling the time to quarter past and quarter to. Once you have tried it using just the hour hand, bring in the minute hand too. Link to video on time (o'clock and half past): https://www.youtube.com/watch?v=V32tRiEQ2AA&t Link to video on quarter past and quarter to: https://www.youtube.com/watch?v=86RbCwhdJSs&t Practise telling the time. This could be done through this game (scroll down to access the game). Read to the hour and half hour. Quarter hour and nearest five minutes.</p>	<p>2D and 3D Shapes How many 2D and 3D shapes can you name? Look around your house/garden and make a list of all the circles, squares, rectangles and triangle shapes you can see. Can you find any other 2D shapes? Then go round looking for 3D shapes (cubes, cuboids, cylinders and spheres). Can you find any others? Identify shapes and finish the patterns in this online game Choose and draw a 2D shape of your choice. List how many sides, vertices and lines of symmetry it has. Choose and write the name of a 3D shape of your choice. List how many edges, vertices and faces it has.</p>
<p>Division as grouping and sharing Find things around the house you can use to practise division as sharing and division of grouping. You could use raisins, grapes, Lego bricks etc... Link to video on division as grouping and sharing: https://www.youtube.com/watch?v=bdgllPNNhul</p>	<p>Statistics Look out of your window or stand in your front garden and count how many cars go past. What is the most popular colour that passes? What is the least popular colour that passes?</p>
<p>Money Ask your parents for some money. Can you identify all the coins? Can you make 50p? Can you find a different way to make 50p, using different coins? Try this for different amounts. Practise learning about money by playing this game. You could also use real coins and play a similar game with family members.</p>	<p>Look in the cupboards and the fridge. Sort some of the foods you can find into different groups. Which food group has the most or least amount of items? Which item of food is the lightest or heaviest? Why might this be? Play the game Fruit Fall - answer the data handling questions based on how many pieces of fruit you catch.</p>

Adding 1

Bonds to 10

Adding 10

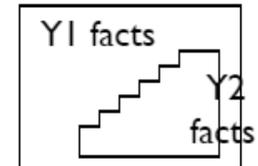
Bridging/
compensating

Adding 2

Adding 0

Doubles

Near doubles



+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

Additional learning resources parents may wish to engage with

- Maths4Kids You tube channel hosted by a child, explaining methods we use in school (mostly KS2)
<https://www.youtube.com/channel/UCob4tkfOSXy6yav9Y54SKIQ>
- White Rose Maths Problems of the Day – Orange problems for KS1 and Blue problems for KS2
<https://whiterosemaths.com/resources/classroom-resources/problems/page/3/>
- Mathszone – A host of interactive maths games including favourites such as Hit the Button. No sign up necessary
<https://mathszone.co.uk/>
- BBC Bitesize – KS1 and KS2. All subjects included and no sign up necessary
<https://www.bbc.co.uk/bitesize/primary>
- NRICH a range of free age related resources to develop mathematical reasoning and problem solving No sign up necessary.
<https://nrich.maths.org/primary>
- TopMarks – Maths Games for KS1 or KS2
<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=3>