



## Maths Newsletter KS1 Autumn 2019

Supporting children to develop their maths skills continues to be an important focus for us at Gig Mill and we would not be able to do this without your support. Please continue to make sure that children are completing their maths homework each week and supporting children in learning key fluency skills.

### Addition Facts

Research has shown that long-term success in mathematics is closely tied to strong **number sense**, including fluency with basic facts. Overleaf there are addition facts for you and your child to work together so your child masters these key facts.

At Gig Mill, we seek to ensure that all children leave with the fundamental skills they need to ensure they are successful in later life. We follow a system of teaching mastery in maths. This means that all children develop a deep and secure understanding of all mathematical skills relative to their age and year group. Children are further stretched from this into activities that deepen their learning and understanding encouraging them to justify and explain. The structure of learning is carefully crafted through concrete (practical objects), pictorial (using pictures) and abstract (formal written methods) methods to ensure children develop a deep conceptual understanding of maths. Activities are carefully selected and crafted to deepen learning, encouraging justifying and explaining. Year 1 – 3 are currently using Maths No Problem.



### TELLING THE TIME



We are noticing there are an increasing number of children who are struggling to tell the time. Although we teach this in school, it is essential that children are also taught this vital skill at home.

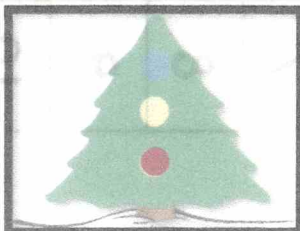
Starting in KS1 with recognising O'clock, half past, quarter past and quarter to and five minute intervals.

I am going swimming at 5 o'clock. What does it look like on the clock? Where are the hands pointing? What does it look like on a digital face?

### MATHS SELFIE

The Maths Team is launching Maths Selfie to encourage more children to think about how they use maths outside of school and in everyday life. We challenge the children to take a selfie of them doing something related to maths outside of school. This could be with a shape, counting money in a shop, measuring and weighing when cooking, measuring the length of something, or anything else you can think of to do with maths.

Please email your maths selfie to [info@gig-mill.dudley.sch.uk](mailto:info@gig-mill.dudley.sch.uk) and the pictures will be displayed on a board in school. By emailing your picture you accept that your child's photo can be displayed in school and on the website.



### Christmas Maths Puzzle

The Christmas tree has 3 spaces for baubles on it. Your box has 3 red, 3 yellow and 3 blue baubles. How many different ways can you decorate the tree? You can only use 3 baubles at one time.

There will be a prize for the best maths selfie!

Y1 facts

Y2 facts

With your grown up see how many you already know.  
Which ones are tricky? Can you think of a strategy to help you?

	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