



MATHS NEWSLETTER



Welcome to Swalecliffe School's Term 2 Maths Newsletter – The Christmas Edition!

Christmas Biscuit Recipe

Baking gives lots of opportunities to count and to talk about shape, size and quantities. Baking is also brilliant for getting your child used to the idea of estimating, and trial and error.

INGREDIENTS

200g unsalted butter, softened
280g caster sugar
¼ tsp vanilla extract
1 egg
400g plain flour
A pinch of salt
½ tsp cream of tartar

To decorate

Icing sugar
Food colouring
Sprinkles



INSTRUCTIONS

1. Preheat the oven to 170C/160C Fan /325F and line several baking trays with baking paper.
2. Measure out the butter, sugar and vanilla extract and pop them in a large mixing bowl or freestanding mixer. Cream them together until the mixture is light and fluffy.
3. Crack the egg in a small bowl and add to your mixture. Mix everything together. If you need to, use a spatula to scrape unmixed ingredients from the side of the bowl.
4. Measure the flour, salt, cream of tartar and add to the butter/sugar mixture. Mix everything until it comes together into a ball of soft dough.
5. Dust your work surface with a little flour and roll out your dough until it is about ½ a cm thick.
6. Use festive cutters to cut shapes out and place them on your baking trays.
7. Pop the cookies in the oven for around 10 minutes. They're ready when the edges are starting to turn a little golden but are still pale in the centre.
8. Leave them to cool on the baking trays for a minute or two before removing them and placing them on a wire rack to cool completely.
9. Finally decorate the biscuits with the coloured icing and sprinkles!

Christmas Maths Riddles

Christmas Ornaments

Nick has a box of ornaments that he uses to decorate his tree each year.
All of them are blue, except for six.
All of them are green, except for six.
All of them are red, except for six.
How many of each coloured ornament does Nick have?



Christmas Elves

Buddy and Henry were both born on Christmas Eve. When Buddy was six years old, Henry was half his age. If Buddy turns 100 years old this Christmas Eve, how old is Henry going to be?



Christmas Estimation Station!

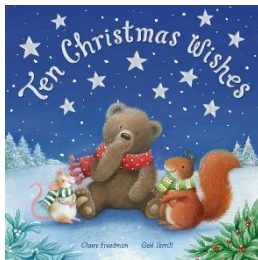


Fill a jar (or jars) with Christmassy items such as craft pom poms, marshmallows, Christmas sweets or chocolates. As a family, estimate how many items are in the jar then count them to see who was closest! Once you have worked it out, create some Christmas craft, enjoy a hot chocolate with marshmallows or enjoy the chocolate/sweets while you watch a Christmas film!

Maths Book Recommendations

Ten Christmas Wishes by Claire Freedman

Count the wishing stars as Little Mouse and his friends wish for sparkling snow, a giant Christmas tree and lots and lots of presents!



Christmas Gift from Santa by Sophia Asmah

This book is one of the Maths fiction series created by the author. The series is based on the fact that 'we use maths everyday without realising it and it's not so bad'. Maths concepts are infused throughout the story.



Thank you for taking the time to read this term's Maths Newsletter; I hope that you enjoy some of the Christmas Maths activities as well as much other festive fun!

I am always here to answer any questions that you may have about your child's learning in Maths and offer any advice, as are your child's class teachers. So, please do not hesitate to contact us.

Miss Fry
Assistant Head and Maths Lead