

# Maths within English

Using mathematical vocabulary correctly

It is important to make sure you can spell mathematical words and use them in the correct context.



It is important to be able to explain and justify methods and conclusions and also your mathematical thinking. This not only helps others understand how you have worked things out, but improves your understanding of what you have done.

Oulipo is a French movement which seeks to unite poetry with maths to create constrained pieces of writing defined by set structures and patterns. For example, you may wish to try and come up with a Prose snowball – a poem in which each line contains one more word than the previous one. Why don't you have a go?

An important branch of mathematics is statistics, which involves the collection, presentation and evaluation of data.

You can use your skills in English to clearly interpret and discuss results you get from collecting data in your maths lessons.

*Cold.*

*Numb fingers.*

*My breath freezes.*

*Can't feel my toes.*

*I have sent for help.*

*Please God, when will it come?*

*I have done nothing to deserve this.*

*Stuck out here in the wind and snow.*



Find the value of the expression  $\frac{2y+8}{2}$  when  $y = 7$

**If**  $y$  is equal to 7, **then**  $2y$  must be equal to 14. This is **because**  $2y$  **means** 2 multiplied by  $y$  and 2 multiplied by 7 is 14. **Therefore**  $2y + 8$  will equal  $14 + 8$  which is 22. **It follows that**  $2y + 8$  divided by 2 will therefore be 11, since 22 divided by 2 is 11.

Why don't you try incorporating the skills developed in your English lessons in order to give mathematical answers like this?



At Stanley High School