

CULTURE DAY FAYRE

On Thursday 11th July our Culture Day ended with a fantastic fundraising Culture Day Fayre with stalls, delicious food and activities. It was great to see so many students with their families enjoying the event - there was such a lovely atmosphere. A big thank you to the House Team and all the students and staff involved in making the Fayre such an amazing end to our Culture Day!



You won the House Cup!



As part of the Culture Day Fayre, students who have been participating in the Proud To Be programme recited their fantastic 'Proud to Be Me' poems to an appreciative audience!

MATHS PROBLEM OF THE WEEK

Did you manage to solve the maths problem this week?

A rectangle is three times as long as it is high. The area of a square is twelve times the area of the rectangle. What is the ratio of the perimeter of the square to the perimeter of the rectangle?

Give your ratio in its simplest form.

ANSWER: 3:1

Let the height of the rectangle be x . Then its length is $3x$ and its area is $3x^2$. So the area of the square is $12 \times 3x^2 = 36x^2$ and hence its side-length is $\sqrt{36x^2} = 6x$. So the perimeter of the rectangle is $2(x + 3x) = 8x$ and the perimeter of the square is $4 \times 6x = 24x$. Therefore the required ratio is $24x : 8x = 3 : 1$.