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Wheatfields Maths Week 2019
11th – 15th November 2019
Maths, Measure – Measure, Maths
What a wonderful experience!

Last week was the first 'Maths Week England 2019' and at Wheatfields, we decided to take part by celebrating the concept of 'measure'. Each year group carried out a challenge focussing on 'measure - height'. The Children's enthusiasm and eagerness for the challenge was impressive. We finished off the week with a Maths Week Celebration assembly, where children shared their challenge results.

Year 1 -

We carried out an investigation to see how tall Miss Parkinson and Miss Hammond were using non-standard units of measure. To start the week the children discussed what they might use from items in the classroom to measure. We explained to the children what non-standards units of measure were. We then asked the children to plan ideas for things to use from the classroom to measure with. The children came into their next lesson ready to paint their feet and their hands to measure the heights of their teachers! The children also enjoyed measuring the height of different objects in the classroom and recording what they had found out to the rest of the class. On Friday the children then embedded their knowledge by measuring each other in the KS2 hall with lego, unifix, stack cups, lolly pop sticks and their feet and hands.

Year 2 -

If you had walked into Year 2 last week and mentioned it was Maths Week every child would have been able to tell you what we were focusing on. It was measuring height and length and we had lots of fun! We started off the week by learning about the difference between mm, cm and m and made judgements on what measurement would be best to measure objects such as a car, an arm and even an elephant! After that, we explored Mathletics and had a go at ordering different lengths – earning points for certificates and house points along the way. Mathletics is lots of fun! The next day we thought back to our AMAZING trip to Mountfitchet castle and predicted how tall the castle was. We had suggestions of 'taller than a double decker bus' and 'as tall as the school'. Finally we thought about how tall we were and compared ourselves to other people in the class. Maths week was brilliant – we can't wait for the next one!

Year 3 –

We've been trying to solve a BIG QUESTION. What is the difference between the tallest and shortest in the class? We've been working together in our table groups to create an action plan to answer the question, as mathematicians. And we all know that mathematicians are really, really LAZY! We tried to make a plan so we had to measure just 2 people! But we did a lot of estimating as well! We used what we learnt in English and instruction writing to write our action plans. We were resilient when finding our plans didn't work! We were resourceful in remembering that we'd actually estimated our heights, in order, in our PE lesson with Mr Pucky. Measuring was not as easy as we thought! Writing down the heights was also tricky! Did you know we've got someone in our class over 200m tall? Once we had measured the tallest and shortest in





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the class, we then had to choose a calculation to finally solve the problem. Some of us found the difference by adding on, some of us subtracted, some did a boxed problem and some of us used a part part whole grid.

Year 4 -

We investigated during maths week to find out which Year 4 class is tallest. We had to decide on an efficient way to find the answer to this and had some time to plan in groups. We decided that we would work in groups to measure each class member (including the adults!) and then use our addition skills to find the total height for each group. We had to make sure that we measured each person accurately and worked as a team to check measurements. As a class, we then found out the whole class height by adding the groups together. We had a go at using calculators to check our additions were accurate. We found out that Class 10 were taller than Class 9 by just 60cm! Once we had compared the classes, we also found out if there were any landmarks or buildings that we are taller than. We found out that Year 4 are taller than the Tower of Pisa in Italy!

Year 5 –

During maths week, we learnt three different methods to measure a tree. The first one involved us bending over and looking in between our legs in a 45 degree angle. The second one was about using our thumbs. However, we agreed that this is not an accurate way to measure. The third one was about using an A4 piece of paper in the shape of an isosceles triangle, we used this method. Year 5 also made posters about this to show that we actually learned something that week!

Year 6 –

In year 6 we were learning how to measure the height of a tree and the school using only three pieces of A4 paper. We talked about how we could fold the paper carefully in order to make this work. When we tried to do it, we found the most difficult part to actually be measuring our own height! However, after we had all had a go, we found our results to be remarkably consistent!

Mrs Khan – Maths Lead

