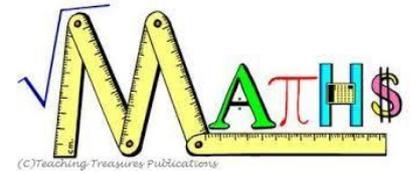# Y5 WEEKLY UPDATE

Success for Every Child

Unit of Inquiry - How The World Works

Last week we carried out several experiments to demonstrate some of the properties of matter. This week, Students were introduced to the idea of 'Fair Testing.' They were given the following scenario: 'Your group have been asked to make a fruit salad first thing in the morning, which will be eaten at lunch-time. How can you stop it from going brown?' Ideas included using lemon juice and salt. Using their prior knowledge, students came up with an hypothesis which they could test. They set up their experiment and made sure it was fair by changing one of the variables and keeping the others constant. They then recorded their observations and drew conclusions. Students then formally wrote up their experiment in their science note-book. In addition to this, students have been learning about the properties of the three main states of matter and the processes that enable a substance to change from one state to another.

Visit to Beacon Hill School

Year 5 spent part of Wednesday morning attending the Year 6 Exhibition at Beacon Hill School. It was a great opportunity for the students to see just how much hard work, research, organization and preparation goes into the PYPX and what to expect when it's their turn next year!

This week, students continued their work on pattern and function by creating growing patterns and tabulating the changes, to help them work out the values of future terms.

One of the patterns studied by some of Year 5 was the Fabonacci sequence. As well as working out the pattern, students learnt that Fabonacci sequences were found everywhere in nature.

Students have been developing their understanding of subject-specific vocabulary related to our Unit of Inquiry by creating word-banks and word-sorts.

They have also come up with their own success criteria for writing a good set of instructions (including the use of diagrams), and have used these in their writing tasks.

From the Y5 Team