

## Weekly Learning Reflections



### **Week Beginning: 25.9.23**

Dear Parents and guardians,

This week the children have been working collaboratively supporting each other in a caring, coaching environment. Through teamwork, the coaches have widened and deepened their learning and brought the best out of their peers. It's lovely that different children are coaches in different areas of learning.

#### Science

The children were presented with the challenge of deciding the best dentist-friendly drink.

After accepting it would be immoral to pull children's teeth out to test them, everyone settled on the fact we had to find a substitute.

Since the teeth's enamel is largely of calcium, the children decided eggshells could be used instead of their precious pearly whites.

The children planned their fair tests, and put hardboiled in different liquids to see the effects over the course of a few days. Shocked gasps reverberated across the room as the eggs were removed from the drinks. Coke left the 'teeth' mottled chestnut brown, while the eggshells in acidic vinegar were stripped thinned so that they were soft to handle. The ones in water remained unchanged.

Next, the children were asked to help dentists decide whether firmer toothbrushes are better than soft ones to remove stains from teeth.

Using drinks-stained eggs from the previous experiment, the children used brushes of different hardnesses to clean the surfaces in a scientifically controlled manner. Most children concluded the harder bristles were the most successful. The children did notice the firmer brushes damaged the acid-thinned eggshells. So, we agreed if you have teeth which are thinning, stick to medium brushes.

#### English

This week the children have been learning how to be grammarians.

After having a firm understanding of simple sentences, and their correct grammatical features the children explored the various ways of constructing compound sentences.

Using a film excerpt from the Jungle Book for stimulation, the children wrote sentences about the adventures of Mowgli using compound sentences. Finally, the children explored how to structure complex sentences and why we use them. We will continue to learn how to write using a variety of sentences in the coming weeks as they are tricky.

#### Maths

Getting right under the skin of x4 tables enabled children to represent their times tables in a variety of ways, including the fact multiplication is in essence repeated addition. Rounding larger numbers up to 4 digits to the nearest 10 and 100 proved to be challenging especially where numbers changes from hundreds to thousands and numbers boundaries.

### RE

Following on from learning about the story of the good Samaritan, the children learned how different organisations build on the ethos of being good neighbours. The children then decided which of their talents they would use to be charitable. I was impressed with their broad range of talents and the sweep good causes they would support.

Pupil nominated Star of the Week

Carwyn and Eloise were both chosen to be stars of the week for being fantastic friends.

Teacher Star of the Week

This week's stellar performers were Kasper and Masooma. They have challenged themselves all week and produced their best work.

Music EPIC winner was Maddie.

I hope you have a lovely weekend with your loved ones.

Kind regards,

Amarjit