

## Weekly Learning Reflections



### **Week Beginning:**

Update 16/11

Another busy week in Invincible has flown past. We've come to the end of our current units in maths and English, and made good progress with our afternoon topics. Over the last few days, we've been editing and improving our myth fragment writing by revising some grammar techniques and checking those are present in our work, and in maths our multiplication unit finished with the Fareham Firework Fantasia – a Big Problem in which the children planned a local firework display. Next week we'll be on to fractions.

In history we looked at what the term 'city state' meant in Ancient Greece and at the cultural differences between two of the biggest powers of the time: Athens and Sparta. We discovered that while Athens favoured art and learning, Sparta was all about military power and training for battle. This divided opinion on which city the class would rather visit if they could travel in time, but not as much as when we found out that in Athens, girls were denied education, but in Sparta they trained to fight just like the boys.

In science yesterday we used light meters to explore the difference between opaque, translucent and transparent objects. Each table had a tray of various materials and we used the meters to see how much light could pass through them. Initially we were quite surprised to find quite a lot of light can pass through something like a post-it note, until we held one against the window and could see a design through it on a piece of paper behind. This afternoon we got our engineering caps on again and furthered our knowledge about bridge structures. Having explored beam and arch bridges before, this time we looked at truss bridges and how their triangular construction gives them the strength to span large gaps. Everyone worked hard on making truss bridges out of spaghetti strands taped together – marvelling at how something so fragile can become quite strong. Table three were first to finish and their example is the one shown above.

This week's class voted Star of the Week is James, for being kind, helpful and a good friend. Other children who received multiple votes this week included Phoebe W, Maya, Holly, Joseph and Lexi. My star this week is Mia-Pearl, who consistently provides us with thoughtful additions to conversations and this afternoon came up with a fantastic metaphor using colour to help our PSHE lesson.

Have a great weekend,

Mr Self