**Friday 25th June 2021, Year 4, Science week.**

What a busy week! Our M.T.C. was completed on Wednesday morning, we have all worked really hard in our own way to achieve our full potential. We will let you know how well we did.

We began by being innovative. We had to come up with an innovative idea to solve a problem and to help sustain our plant in the future. We came up with some absolutely amazing ideas. From a diving drone to collect rubbish from our seas to a tap/sink that would automatically return any unpolluted water straight back to the pipe. We made fantastic posters, diagrams and awesome prototypes. Some of us also made videos. Maybe one of our ideas will win the Key Stage 2 prize.

Following this, we went outside to take some inspiration from nature. We had to create a piece of artwork to reflect textures in nature. In our groups, we produced some fabulous, detailed, 3D food chains.

Next, we were given a question to investigate. Does the size of a sail alter the speed that it turns?

We planned our fair tests in groups, made predictions, tested and came up with conclusions. What do you think our results showed?

Lastly, we were given the challenge of building an earthquake safe building out of cocktail sticks and mini marshmallows. We did have a winning group but we all had so much fun.

Have a lovely weekend and don’t forget you are Year 5 on Monday for 3 days!