Seva School - Homework
Summer 2nd half term them: Jurassic Forest and Weather
Year 2 and Classes 2KT and 2LH/SK
Information for parents/carers: Each week your child will be expected to pick one challenge from the three given in each subject area below. Over the course of a half term, your child will be expected to have completed six challenges altogether and these must be one from each subject area. Each week homework books will be expected in school on Monday morning and they will be marked and returned on Wednesday. If your child forgets their book or is absent the book will be marked the following week. If you have any questions regarding the homework, please speak to your child's class teacher for further information and support. Thank you.

Subject	Activity 1	Activity 2	Activity 3
English:	Prepare a two minute presentation on the weather or dinosaurs. You could read out your work or demonstrate it on a power point. Practise your presentation on your family first. We look forward to learning about it at school.	Find at least 8 pairs of homophones and write them each in a sentence. Use some of them to write a short poem.	Write a book review about a book you have read recently. Who would like to read it and why?
Maths:	Write fact families for the following sets of numbers: *(For example, 2,3 and 5 would be 2+3 = 5, 3 + 2 = 5, 5 – 2 = 3 and 5 – 3 = 2)* Careful, they could be +/- or x/÷. 2, 3 and 6 3, 6 and 9 3, 5 and 15 5, 4 and 20 5, 6 and 11 Challenge: 2, 50 and 100	Solve the following calculations using column addition or subtraction: 21 + 45 = 34 + 78= 58 – 34 = 64 – 37 = 39 – 28 = 48 = 19 = Challenge: 123 + 487 = 234 – 126 =	Find the following: *(Remember – the fraction is the pizza and the number is the mushrooms.)* $\frac{1}{2}$ *of 12 =* $\frac{1}{4}$ *of 12 =* $\frac{3}{4}$ *of 12 =* $\frac{1}{2}$ *of 20 =* $\frac{1}{4}$ *of 20 =* $\frac{3}{4}$ *of 20 =* *Challenge: 2/3 of 18 =*
Science: Weather and Seasons	Monitor the weather for a week. Record it in a table of your choice.	Make a pin wheel. Monitor which weather conditions will make it spin faster. (Instructions attached) Don't forget to tell me how you made it a fair test!	Make a rain gauge. (Instructions attached) The important part of recording the weather is that is needs to be done frequently. You should record the amount of rain in the bottle/jar each day and empty out the rain each time. Can you design a table to record the results?
Topic: Jurassic Forest	Draw and label an animal that would have lived in a Jurassic forest. Write some facts about your animal.	Make a 3D model of a Jurassic forest.	Pretend that you have travelled back in time to a Jurassic forest. Write about your adventure there.

Pin wheel

1. Cut out a square, I usually do this by folding a corner of paper over and cutting along the edges, this gives you a perfect square.
2. Crease both diagonals, you will be cutting 2/3s along these later
3. Colour in your square – we chose to colour in triangles – which reflect the final pinwheel shape, but have a play and see what you like! As mention in 2) cut along the diagonals approx 2/3s of the way
4. Take your pin and prick it through one corner. Take the "next corner" and prick a hole. Keep going round until you have done all 4, then pin it through the middle.
5. Pin through a stick – you may want to secure the back with a small cork. We didn't, but it does mean they sometimes fly off and I have to retrieve them. A cork also protects your children from any point bits, ours are just decorative in the garden, so it doesn't matter. The alternative, is not push the pin right through, but only a little way, or use a thumbtack, as they are not as long. I also like the idea to use an earring stud – no pointy bits and you can use the back of the earring to help secure the stud to a stick.

Rain gauge

What you need- An empty jar or plastic bottle, permanent marker, tape, scissors and a ruler

Instructions- There are two ways to make the rain gauge, either by using an empty jar or a plastic bottle.

Jar - Place the ruler on the side of the jar and mark in cm up the side.

Plastic Bottle - Cut the top off the bottle, and place upside down inside the main body. Get an adult to help as the edges might be sharp. Place a ruler on the side of the bottle and mark in cm up the side. Bury the bottle outside, it should be in an open area and away from any trees which might trap some of the rain. Leave the top sticking out. We didn't bury ours very well, you might want to put yours further into the ground.

The Science Bit- The important part of recording the weather is that is needs to be done frequently. You should record the amount of rain in the bottle/jar each day and empty out the rain each time. Can you design a table to record the results?