Thornwood Primary School

Challenge Home Learning Week Commencing 27/04/20

Second Level

Please find below some challenge activities which your child may wish to try during the forthcoming week. They can complete as many activities wish. Enjoy the challenge!

Use this number sentence to write down three more pairs of decimal numbers that sum to $3: 1.6 + 1.4 = 3$	Captain Conjecture says, 'When working with whole numbers, if you add two 2-digit numbers together the answer cannot be a 4-digit number.' Do you agree? Explain your reasoning.	A 1 m piece of ribbon is cut into equal pieces and a piece measuring 4 cm remains. What might the lengths of the equal parts be? In how many different ways can the ribbon be cut into equal pieces?	A 5p coin has a thickness of 1.7 mm. Ahmed makes a tower of 5p coins worth 50p. Write down the calculation you would use to find the height of the tower.	Write down two fractions where the denominator of one is a multiple of the denominator of the other. Which is the larger fraction? Explain your reasoning.
Take us through a written walk down your street and to your favourite place through the eyes of somebody else.	Think of three people in your life. Give your character the hair and laugh of person 1, the face and bedroom of person 2, and the wardrobe and mannerisms of person 3. This is your new protagonist. Feel free to give him or her any other characteristics you'd like. Give us an idea of who your character is by describing only the first 60 seconds of the character's day.	Now send your character to his or her grumpy grandmother's house for a visit. Write the scene of your character's arrival.	Think of your favourite food. Try to make it sound as disgusting as possible.	Try to convince your reader that the mythological creature of your choosing exists.

Design a solution to an everyday problem that you encounter at home. It could be a device for helping you get out of bed in the morning, a contraption to helping your little brother or sister or something entirely different!	Make a bridge out of paper into a U" shape and find out how much weight (pennies or model cars) it will take with different depths of the "U" versus the remaining area for the bridge. This project can be extended to bridge the gap between two chairs with paper, sticky tape, etc.)	Make invisible ink- be a spy! https://mommypoppins.com/kids /boredom-busters/how-to-make- invisible-ink	You have been hired by an amusements park to build a new rollercoaster. Use lego, junk or any natural materials to build it.	A really long straw https://www.sciencebuddies. org/stem-activities/long- straw