Year 5 Autumn Term 2 Homework Challenges

Y5

Task 1 - Geography Create your own 'Capital Cities' top trump cards. Decide how you will rate them- population, annual tourist numbers, highest/lowest temperature etc. 	**Task 2 - Maths** Design a poster all about multiples, factors, prime numbers, square numbers and cubed numbers. What are they? What do they look like? Show off your knowledge!	**Task 3 - PE & Sports** 60 second challenges: -Can you keep a balloon up in the air for 60 seconds? -How many times can you pass a ball around your waist in 60 seconds? -How many times can you throw a beanbag into a hoop in 60 seconds?	**Task 4 - English** Write a diary entry from the perspective of the young boy in The Lost Thing when he finds the Red Thing on the beach. How is he feeling? What has happened to him before now? Describe the Red Thing and how the boy feels about it.
Task 5 - Art Photography landscape. Have a go at taking pictures of landscapes near your home and editing them using editing software. Can you make them more vibrant? Can you change their colours? Be as creative as you'd like!	**Task 6 - DT** Follow the tutorial on this website to create your own simple pneumatic machine. https://www.instructables.com/Simple-Pneumatic-Machine/	**Task 7- Science** Keep a sky at night journal for a whole week. Write about everything you can see in the sky. You could draw a picture of the moon every night. Does it change over the course of the week?	**Task 8 - Maths** Complete 30 minutes of Times Table Rockstars. See how many coins you can earn in that time.
Task 9 - English Write a short story about anything you'd like. Try to include lots of:: - modal verbs -relative clauses -parenthesis	**Task 10 - PSHE** Setting goals: Pick 10 goals that you would like to achieve in the next years. It could be a skill, or a experience that you would like to achieve. Write them down and decorate it.	**Task 11 - Winter artwork!** Create a piece of artwork all about what winter looks like to you. It could include fireworks, snow, Christmas decorations, food, festivals etc.	**Task 12 - Computing** Cryptography challenge- can you write a secret message in morse code? https://www.iwm.org.uk/learning/family-mission-morse-code

You can do the challenges in any order.
Please only do each challenge once.
You will need to hand a minimum of one task in weekly.
Please upload your task to your Google Classroom.