

Watling STEAM Challenges

Year 1	- Spring 1
--------	------------

Science	To be completed during the week beginning 13 <sup>th</sup> January 2025 Go for a nature walk in a park, wood or open field and document what you find using your senses. Take some paper and a pen to make a note of the sights that you see, what you can smell and the sounds you encounter on the journey. What birds or insects can you detect? Can you hear the wind? Check under rocks and logs - what do you see?	
Technology	To be completed during the week beginning 20 <sup>th</sup> January 2025 Use the internet to research Florence Nightingale. Who is she and why is she significant to Britian? Can you use the information you have found to create a fact file?	
Engineering	To be completed during the week beginning 27 <sup>th</sup> January 2025 Research and build your own paper aeroplane. How many different designs can you make? Once you have created your aircrafts you should practice flying them. Which one travels the furthest? Why do you think this is? Use a tool to measure how far they travel - this could be a ruler, tape measure or a piece of string.	
Arts	To be completed during the week beginning 3 <sup>rd</sup> February 2025 Create a piece of art using repeated patterns as inspired by William Morris.	
Maths 🕂 💳 🗱 🚔	To be completed during the week beginning 10th February 2025Create your own snakes and ladders board game! Use a number gridup to 20 and practice playing with a friend/family.You will need:10Paper, scissors, ruler, pencil, colouring pencils anda dice. Cut out 2 coloured circles for counters.	
Children in Year 1 can bring any STEAM Challenge work they complete into school or submit it to the year group homework email address -		

year1homework@thedenbighalliance.org.uk