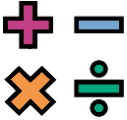


Year 1 - Autumn 2

Science 	To be completed during the week beginning 10th November 2025 You are a Materials Detective. Your mission is to explore your home and discover what things are made of! Find 5 different objects around your house. Write down what the object is. Write down the material it's made from (wood, plastic, metal, glass, fabric, etc). Can you sort your objects into two groups: hard materials and soft materials? Super Challenge: Choose one object and tell us in class: Why do you think it's made from that material? What would happen if it was made from something else?
Technology 	To be completed during the week beginning 17th November 2025 Your challenge is to be an inventor! Think about a job you don't like doing at home (e.g., tidying toys, cleaning your room, setting the table). Design a robot or machine that could do this job for you! Draw your invention. Give it a name. Label the special parts it would need. Explain (in a sentence or two) what your robot can do and how it helps people.
Engineering 	To be completed during the week beginning 24th November 2025 Your challenge is to design and test a boat that really floats! Collect some safe materials from home (foil, paper, cardboard, plastic tubs, corks, straws, tape etc.). Build a boat. Test it in a sink, bowl, or bath: Does it float? How many small toys/coins can it carry before it sinks? Draw or write: A picture of your boat, the materials you used, and what happened when you tested it.
Arts 	To be completed during the week beginning 1st December 2025 Can you use dance to tell a story? Pick a short story, nursery rhyme or song you like (e.g. Jack and Jill, Incy Wincy Spider, The Gruffalo). Create some dance moves to show what happens. How can you move your body to show climbing, jumping, creeping, running or falling? Practise your dance and perform it for your family!
Maths 	To be completed during the week beginning 8th December 2025 Collect 2 small groups of toys, food items, coins etc (e.g. 3 cars and 2 dolls). Count them all together. Write the number sentence (e.g. $3 + 2 = 5$).

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@watlingprimary.org.uk