



# Year 5 Autumn 1



## Home learning

This half term we are going to be learning about Properties of Materials in our science lessons and the Tudor Period in history lessons. Please choose one activity from either subject to complete.

The deadline for projects to be uploaded to Google Classroom or brought into school is **Monday 20<sup>th</sup> October 2025**.

### The Tudors

1. Use your local library or the internet to research the Tudor history of your local area. Are there any sites to visit, or can you find any relevant online images or news stories?
2. Create a portrait of a Tudor monarch or another important Tudor figure. Think about how you can show their power, status or personality, using colour, expression, poses, clothing, and background objects or setting.
3. Find out why Thomas Cromwell, Francis Drake and Anne Boleyn were key figures during Tudor times. Record your findings in a table to explain their role and importance.

### Properties of Materials

#### 1. Research a Scientist or Inventor Who Created a New Material

Choose one scientist or inventor to research and create a fact file about their life and work.

<b>Your fact file should include:</b>	<b>Suggested scientists/inventors to research:</b>
<ul style="list-style-type: none"><li>• Their childhood and education</li><li>• What inspired their scientific work?</li><li>• Whether their invention was made accidentally or intentionally</li><li>• How their invention has benefited people or society</li></ul>	<ul style="list-style-type: none"><li>• Stephanie Kwolek (Kevlar)</li><li>• Garrett Morgan (Safety hood/gas mask)</li><li>• Patsy Sherman (Scotchgard)</li><li>• Spencer Silver (Post-it Notes)</li><li>• Patricia Billings (Fire-resistant building material)</li></ul>





2. Create a word search that uses the scientific vocabulary we will be learning in our science lessons this half term. Insulator, conductor, changing state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, burning, rusting, new material, reversible, non-reversible
3. Gather materials from within your home and separate them into their properties. For example, materials that float, materials that are rigid and materials that are rough or smooth.