






January Challenge Calendar



Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1 New Year's Day Latin – Who was the Roman God Janus? The Myth of Janus: God of Beginnings and Time - Roman Mythology	2 Psychology/ learning Why do we not improve when we are trying really hard? When performing gets in the way of improving Eduardo Briceño TEDxManhattanBeach	3 Prefect's Challenge – Art Genevieve challenges you to create a piece of art related to the changing of the seasons. Send a photo of your work to Mrs Lindsay julialindsay@princethorpe.co.uk by the end of the month	4 World Braille Day Originally devised for the French Army but a revolution for the blind: what is braille and who invented it? The History of Braille [Your Braille Resource] - Braille Works	5 Twelfth Night Traditionally a topsy turvey day of change and mischief: Information on the current production at the RSC Twelfth Night Royal Shakespeare Company
6 Epiphany What is Epiphany and why do we celebrate it?	7 Computer Science AI – a revolution Royal Institution Christmas Lectures - 2023: Professor Mike Wooldridge - The Truth about AI: 1. How to Build an Intelligent Machine - Signed - BBC iPlayer	8 Politics USA Politics fter the American Revolution, this is the anniversary of the first State of the Union Address – but what is it? President Washington's FIRST State of the Union Address	9 Maths Choose your level of challenge on these activities provided by Cambridge University Transformations NRICH	10 Prefect's Challenge – Chemistry Tom recommends watching this video on tackling Climate Change: Tackling climate change through chemistry	11 Science Sir David Attenborough Presents: Breaking Boundaries: The Science of Our Planet Doc Preview	12 Food What to eat in January? Traditional and seasonal recipes: The seasonal recipes we're cooking in January
13 Maths Extend you mathematical thinking with these problems: Thinking Mathematically - Short Problems NRICH	14 Science Fun experiments to do at home with your parents on changes of states 8 Hands-On Experiments to Teach Kids About Chemical Reactions - Owlcation	15 PE Watch this video on the theory of marginal gains- tiny changes in performance with big results: Sir Dave Brailsford - CORE Principle and Marginal Gains	16 Ted Youth Talk Outgrowing the fear of change Outgrowing the Fear of Change Patricia Ulina TEDxYouth@SVP	17 Prefect's Challenge – Textiles Amaanya recommends watching this video on sustainability in textiles: The life cycle of a t-shirt - Angel Chang –YouTube	18 French - Culture Today begins the truffle festival – but what is it? Why Sarlat France is the most visited medieval town in January	19 Find out about the world's major religions The 10 Largest Religions in the World - WorldAtlas 
20 History Martin Luther King, Jr. Crash Course Black American History #36 	21 English Revolutionary women writers – a selection of important authors who have left a lasting impact: Revolutionary Women Writers	22 Spanish - Culture January is a month with many festivals – find out about some of them here: January Festivals in Spain - The Best Fiesta Guide	23 Music Stephen Schwartz explains his compositions for the new film Wicked soundtrack: who composed it and what are the famous songs? - Classic FM	24 International Day of Education Prefect's Challenge – Psychology Grace recommends watching this video about learning: Peggy Andover: The difference between classical and operant conditioning TED Talk	25 Burns Night Prefects Challenge – Dance Burns Night has traditional dances – Burns Night - Scottish Country Dancing Videos Ellie challenges you to create a short dance with your tutor group	26 Interesting watch – Channel 4 – the school that banned smartphones: Watch Swiped: The School That Banned Smartphones Stream free on Channel 4 (you will need a channel 4 account to watch this programme – speak to your parents about setting this up)
27 Watch this episode to see Judge Rinder's family history  Who Do You Think You Are? - Series 15: 7. Robert Rinder - BBC iPlayer	28 Biology/ food Royal Institution Christmas Lectures - 2024: Chris van Tulleken - The Truth About Food: 1. From Taste Buds to Toilet - BBC iPlayer	29 Physics What are stars made of? the answer that changed Physics forever What are stars made of? A century ago, this woman found out—and changed physics forever	30 History - Find out more about one of the important event sand their consequences on this day in History: King Charles I executed 1649; Adolf Hitler appointed Chancellor in Germany 1933; Ghandi assassinated in India, 1943, The Tet Offensive began in Vietnam 1968; Bloody Sunday 1972; Watergate 1973.	31 Prefect's Challenge – RS Emily Recommends reading this article on the impact of convenience The big idea: is convenience making our lives more difficult? Psychology The Guardian		