



GEA Science Newsletter

2025-2026
Autumn 1

Year	Topics	Careers Link (See profiles on Unifrog)	Extracurricular Opportunities
7	Particles, Substance & Mixtures	Pharmacologist	Discover Go Ape at Coombe Abbey Coombe Abbey Hotel
	Fundamentals of Physics	Medical physicist	
8	Heating and Cooling	Building services	The National Space Centre: Exploring Space
	Earth and Atmosphere	Astronomer	
9	Energetics	Chemical engineer	Energy Hall Science Museum
	Electricity	Astronomer	
10	Organisation	Surgeon	British Motor Museum Home
	Electricity	Energy assessor	
	Chemical Bonding	Biochemist	
11	Forces	Motorsport engineer	Forces Exhibits The Observatory Science Centre
	Organic Chemistry	Conservation scientist	
	REVISION FOR MOCKS		

What to watch:

[BBC iPlayer - Brian Cox's Adventures in Space and Time - Series 1: 2. Aliens: Are We Alone?](#)



Weekly Enrichment:

STEM Readers:

Monday Break 2 S106

STEM Club

Monday afterschool S104

LEGO Engineers

Wednesday Break 1 S206

What to listen to:



[BBC Radio 4 - Curious Cases, Series 16, The Sting in the Tail,](#)

"What's the point of wasps?" Science sleuths Drs Rutherford and Fry investigate the role of wasps in the world.

What to read:

An adventure story about the discovery of a new element.

A gripping introduction to chemistry, showing that physical chemistry really does make things happen



Career Focus:

Chemical Engineering

Chemical and materials engineers spend most of their time researching and developing ways to convert materials in the lab.

Pathway: Careers in this sector often require a degree or degree apprenticeship.

