Triple Science learning journey

To further education/training

GCSE	**GCSE**	**GCSE**
TB7 Environmental science	**TC7** Equilibria	**TP7** Astronomy
TB6 Advanced genetics	**TC6** Materials Science	**TP6** Acoustics and optics
TB5 Endocrinology	**TC5** Qualitative chemistry	**TP5** Fluid dynamics
TB4 Neurology	**TC4** Organic chemistry	**TP4** Mechanics
11	**11**	**11**
TB3 Botany	**TC3** Chemical and fuel cells	**TP3** Nuclear physics
TB2 Pathology & medicine	**TC2** Quantitative chemistry	**TP2** Gas pressure
TB1 Microbiology	**TC1** Metallurgy	**TP1** Electrical engineering
10	**10**	**10**

From KS3 and from Combined Science

Big ideas:

- structure determines properties
- cells are alive
- Earth systems interact
- reactions rearrange matter
- forces predict motion
- bodies are systems
- fields produce forces
- organisms are interdependent
- energy is conserved
- ecosystems cycle resources
- electricity transfers energy
- characteristics are inherited
- species show variation
- radiation transfers energy