

**Year 9 Science Topic Rotation 2024-2025**

Term	9x1 (DDA 7, JHE 1) (HCS/TS)	9x2 TEV (CSF)	9X3 GEV (CSF)	9Y1 TGO (HCS/TS)	9Y2 JHE (CSF)	9Z1 TKE (CSF)	9Z2 NSI (HCS/TS)
<b>AUTUMN 1</b>							
2 <sup>nd</sup> September	Atomic Structure	Cells	Separating Techniques	Atomic Structure	Separating Techniques	Atomic Structure	Cells
9 <sup>th</sup> September	Atomic Structure	Cells	Separating Techniques	Atomic Structure	Separating Techniques	Atomic Structure	Cells
16 <sup>th</sup> September	Atomic Structure	Cells	Atomic Structure	Atomic Structure	Atomic Structure	Atomic Structure	Cells
23 <sup>rd</sup> September	Separating Techniques	Cells	Atomic Structure	Separating Techniques	Atomic Structure	Separating Techniques	Cells
30 <sup>th</sup> September	Separating Techniques	Atomic Structure	Atomic Structure	Separating Techniques	Atomic Structure	Separating Techniques	Atomic Structure
7 <sup>th</sup> October	Cells	Atomic Structure	Particle Model (Physics)	Cells	Particle Model (Physics)	Cells	Atomic Structure
14 <sup>th</sup> October	Cells	Atomic Structure	Particle Model (Physics)	Cells	Particle Model (Physics)	Cells	Atomic Structure
21 <sup>st</sup> October	Cells	Separating Techniques	Particle Model (Physics)	Cells	Particle Model (Physics)	Cells	Separating Techniques
<b>AUTUMN 2</b>							
4 <sup>th</sup> November	Cells	Separating Techniques	Cells	Cells	Cells	Cells	Separating Techniques
11 <sup>th</sup> November	Particle Model (Physics)	Organisation 1	Cells	Particle Model (Physics)	Cells	Particle Model (Physics)	Organisation 1
18 <sup>th</sup> November	Particle Model (Physics)	Organisation 1	Cells	Particle Model (Physics)	Cells	Particle Model (Physics)	Organisation 1
25 <sup>th</sup> November	Particle Model (Physics)	Organisation 1	Cells	Particle Model (Physics)	Cells	Particle Model (Physics)	Organisation 1

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2 <sup>nd</sup> December	Organisation 1 Digestion	Particle Model (Physics)	Periodic Table	Organisation 1 Digestion	Periodic Table	Energy Transfer by heat	Particle Model (Physics)
9 <sup>th</sup> December	Term 1 Exam and Address Gaps (Atomic Structure, Separating Mixtures and Cells)						
16 <sup>th</sup> December	Organisation 1 Digestion	Particle Model (Physics)	Periodic Table	Organisation 1 Digestion	Periodic Table	Energy Transfer by heat	Particle Model (Physics)
Spring 1							
6 <sup>th</sup> January	Organisation 1 Digestion	Particle Model (Physics)	Periodic Table	Organisation 1 Digestion	Periodic Table	Organisation 1 Digestion	Particle Model (Physics)
13 <sup>th</sup> January	Periodic Table	Energy Transfer by Heat	Periodic Table	Periodic Table	Periodic Table	Organisation 1 Digestion	Energy Transfer by Heat
20 <sup>th</sup> January	Periodic Table	Energy Transfer by Heat	Organisation 1 Digestion	Periodic Table	Organisation 1 Digestion	Organisation 1 Digestion	Energy Transfer by Heat
27 <sup>th</sup> January	Periodic Table	Periodic Table	Organisation 1 Digestion	Periodic Table	Organisation 1 Digestion	Periodic Table	Periodic Table
3 <sup>rd</sup> February	Periodic Table	Periodic Table	Organisation 1 Digestion	Periodic Table	Organisation 1 Digestion	Periodic Table	Periodic Table
10 <sup>th</sup> February	Structure and Bonding	Periodic Table	Energy Transfer by heat	Structure and Bonding	Energy Transfer by heat	Periodic Table	Periodic Table
Spring 2							
24 <sup>th</sup> February	Structure and Bonding	Periodic Table	Energy Transfer by heat	Structure and Bonding	Energy Transfer by heat	Periodic Table	Periodic Table
3 <sup>rd</sup> March	Structure and Bonding	Structure and bonding	Organisation 2 The Heart	Structure and Bonding	Organisation 2 The Heart	Structure and Bonding	Structure and bonding
10 <sup>th</sup> March	Structure and Bonding	Structure and bonding	Organisation 2 The Heart	Structure and Bonding	Organisation 2 The Heart	Structure and Bonding	Structure and bonding
17 <sup>th</sup> March	Energy Transfer by heat	Structure and bonding	Organisation 2 The Heart	Energy Transfer by heat	Organisation 2 The Heart	Structure and Bonding	Structure and bonding
24 <sup>th</sup> March	Term 2 Assessment (Atomic Structure, Separating Mixtures, Cells, Periodic Table, Particle Model, Organisation 1)						
31 <sup>st</sup> March	Energy Transfer by heat	Structure and bonding	Structure and Bonding	Energy Transfer by heat	Structure and Bonding	Structure and Bonding	Structure and bonding

Summer 1							
Term	9x1 (DDA 7, JHE 1) (HCS/TS)	9x2 TEV (CSF)	9X3 GEV (CSF)	9Y1 TGO (HCS/TS)	9Y2 JHE (CSF)	9Z1 TKE (HCS/TS)	9Z2 NSI (CSF)
21 <sup>st</sup> April	Organisation 2 The Heart	Energy Stores	Structure and Bonding	Organisation 2 The Heart	Structure and Bonding	Organisation 2 The Heart	Energy Stores
28 <sup>th</sup> April	Organisation 2 The Heart	Energy Stores	Structure and Bonding	Organisation 2 The Heart	Structure and Bonding	Organisation 2 The Heart	Energy Stores
5 <sup>th</sup> May	Organisation 2 The Heart	Energy Stores	Structure and Bonding	Organisation 2 The Heart	Structure and Bonding	Organisation 2 The Heart	Energy Stores
12 <sup>th</sup> May	Energy Stores	Energy Stores	Quantitative	Energy Stores	Quantitative	Energy Stores	Energy Stores
19 <sup>th</sup> May	Energy Stores	Quantitative	Quantitative	Energy Stores	Quantitative	Energy Stores	Quantitative
Summer 2							
2 <sup>nd</sup> June	Energy Stores	Quantitative	Energy Stores	Energy Stores	Energy Stores	Energy Stores	Quantitative
9 <sup>th</sup> June (mocks?)	Energy Stores	Bioenergetics Photosynthesis	Energy Stores	Energy Stores	Energy Stores	Energy Stores	Bioenergetics Photosynthesis
16 <sup>th</sup> June	<p style="text-align: center;">Mocks</p> <p style="text-align: center;">Biology: Cells, Organisation 1</p> <p style="text-align: center;">Chemistry: Atomic Structure, Separating Mixtures Periodic Table</p> <p style="text-align: center;">Physics: Particle Model, Energy Transfer by Heat, Energy Stores</p>						
23 <sup>rd</sup> June	Quantitative	Bioenergetics Respiration	Energy Stores	Quantitative	Energy Stores	Quantitative	Bioenergetics Respiration
30 <sup>th</sup> June	Quantitative	Organisation 2 The Heart	Bioenergetics Photosynthesis	Quantitative	Bioenergetics Photosynthesis	Quantitative	Organisation 2 The Heart
7 <sup>th</sup> July	Bioenergetics Photosynthesis	Organisation 2 The Heart	Bioenergetics Photosynthesis	Bioenergetics Photosynthesis	Bioenergetics Photosynthesis	Bioenergetics Photosynthesis	Organisation 2 The Heart
14 <sup>th</sup> July	Bioenergetics Photosynthesis	Organisation 2 The Heart	Bioenergetics Respiration	Bioenergetics Photosynthesis	Bioenergetics Respiration	Bioenergetics Photosynthesis	Organisation 2 The Heart

Year 10

Biology

- Infectious Disease
- Homeostasis

- Reproduction and Variation
- Ecology

### Chemistry

- Chemical Change
- Electrolysis
- Endothermic/ Exothermic
- Rates of reaction
- Organic - (Crude Oil)
- Chemical Analysis
- Chemistry of the Atmosphere
- Chemical Resources

### Physics

- Electrical Circuits
- Electricity Domestic
- Radioactivity
- Forces
- Waves
- Magnetism and Electromagnets

### During Assessment Weeks:

- Use to catch up on missed content/ behind
- Address Gaps lessons