

Year 7 Science Learning Journey



YEAR 8

Summer Assessment
Covering all content since autumn

Earth
• Earths Structure
• Universe Assessment
Model/Presentation

Summer Term

Ecosystems
• Interdependence
• Plant Reproduction
Assessment Topic Presentation

Spring Assessment
Covering all Topics since autumn term



Reactions
• Acids and Alkalis
• Metals and Non-metals
Assessment Practical
Write up

Forces
• Speed
• Gravity
Assessment End of Big Idea Test

Organisms
• Movement
• Cells
Assessment Practical Write up

Energy
• Energy Cost
• Energy Transfer
Numeracy Progress Task

Spring Term

Autumn Assessment
Covering all topics since autumn term



Waves
• Sound
• Light
Assessment – Big idea Test

Matter
• The Particle Model – Assessment Practical Write up
• Separating Mixtures – Assessment Practical Write up

Autumn Term

Introduction to Science
Health and Safety

AQA Science Baseline Assessment

YEAR 7

Year 8 Science Learning Journey



YEAR
9

Summer Assessment
Covering all content since autumn

Organisms

- Breathing
- Digestion

Assessment Practical Write up

Forces

- Contact Forces
- Pressure

Assessment End of big idea test

Summer Term

Spring Assessment
Covering all Topics since autumn term

Earth

- Climate
- Earths Resource

Assessment 6 Mark Carbon Cycle Question

Matter

- Periodic Table
- Assessment End of Big Idea Test

Ecosystems

- Respiration
 - Photosynthesis
- Progress Task

Spring Term

Autumn Assessment
Covering all topics since autumn term

Matter

- Elements

Electromagnets

- Potential Difference and resistance
 - Current
- Assessment Practical Write up
- Magnetism
 - Electromagnets
- Assessment Big Idea Test

Genes

- Variation
- Human Reproduction

Assessment End of Big Idea Test

Autumn Term

YEAR
8

Health and Safety Recap
Practical Investigation

Year 9 Science Learning Journey



YEAR
10

Summer Assessment
Covering all content since autumn

P1, P2 & P3
End of Topic Test

P3 Energy Resources

P2 Energy Transfer by Heating

C2 The Periodic Table

C1 & C2 End of Topic Test

P1 Conservation and Dissipation of Energy

Summer Term

Spring Assessment
Covering all Topics since autumn term

C1 Atomic Structure

GCSE Options

B1 – Cell Structure and Transport

B2 Cell Division

B1 & B2
End of Topic Test

Start GCSE Content

Autumn Assessment
Covering all topics since autumn term

Reactions
• Types of Reactions
• Chemical Energy Assessment Poster Presentation

Spring Term

Energy
• Work
• Heating and Cooling Assessment End of Big Idea Test

Waves
• Wave Effects
• Wave Properties Formative Progress Task

Genes
• Evolution Assessment – Mini Presentation
• Inheritance Assessment End of Big Idea Test

Autumn Term

YEAR
9

Health and Safety Recap
Practical Investigation

Year 10 Combined Science Learning Journey



The Rudheath Senior Academy

YEAR
11

Summer Assessment
Covering all content since autumn

Journey

C8 & C9 End of Topic Test

C9 Crude oil and Fuel

C8 Rates and Equilibrium

B8 Photosynthesis

B9 Respiration

EXAM
B8 & B9 End of Topic Test

Summer Term

Spring Assessment
Covering all Topics since autumn term

EXAM
P7, P8 & P9 End of Topic Test

P9 Motion

P8 Forces

EXAM
B5, B6 & B7 End of Topic Test

C5 Chemical Changes

C6 Electrolysis

C7 Energy Changes

EXAM
C5, C6 & C7 End of Topic Test

P7 Radioactivity

B7 Non-Communicable Disease

B6 Preventing and treating disease

B5 Communicable Diseases

Autumn Assessment
Covering all topics since autumn term

EXAM
P4, P5 & P6 End of Topic Test

P6 Molecules and Matter

Spring Term

P4 Electric Circuits

P5 Electricity in the home

EXAM
C4 & C4 End of Topic Test

C4 Chemical Calculations

B4 Organising animals and plants

C3 Structure and Bonding

EXAM
B3 & B4 End of Topic Test

B3 Organization and the digestive system

Autumn Term

YEAR
10

Year 10 Triple Science Learning Journey

Journey



YEAR 11

Summer Assessment Covering all content since autumn

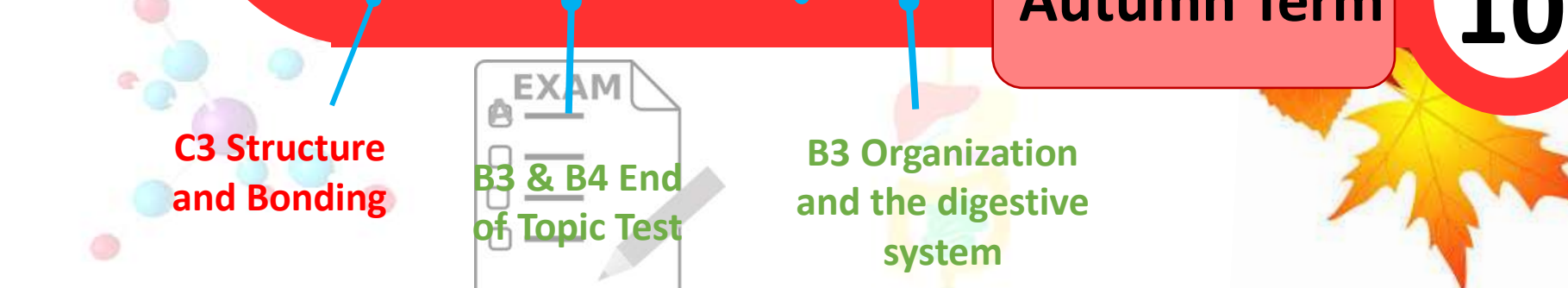
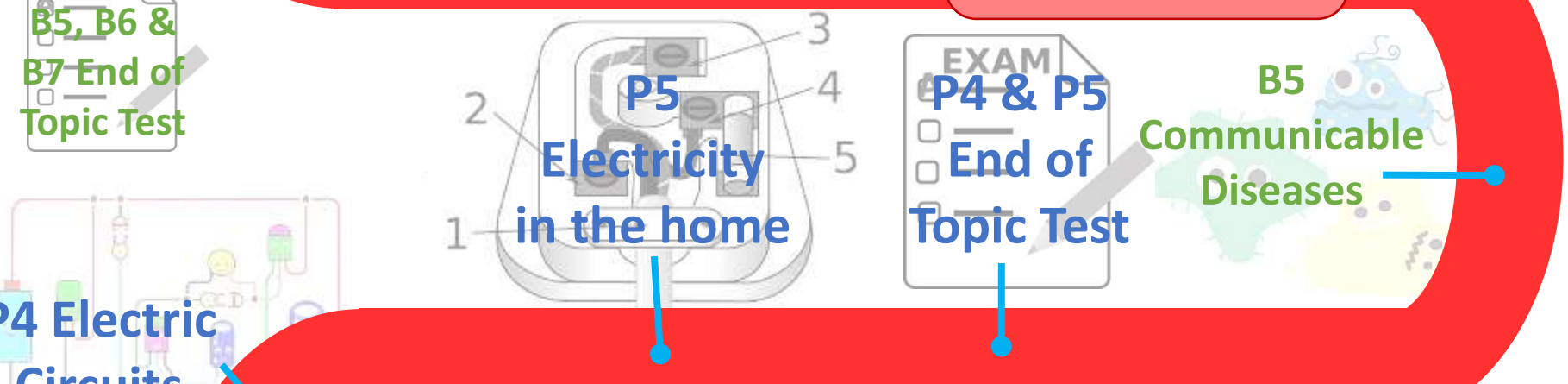
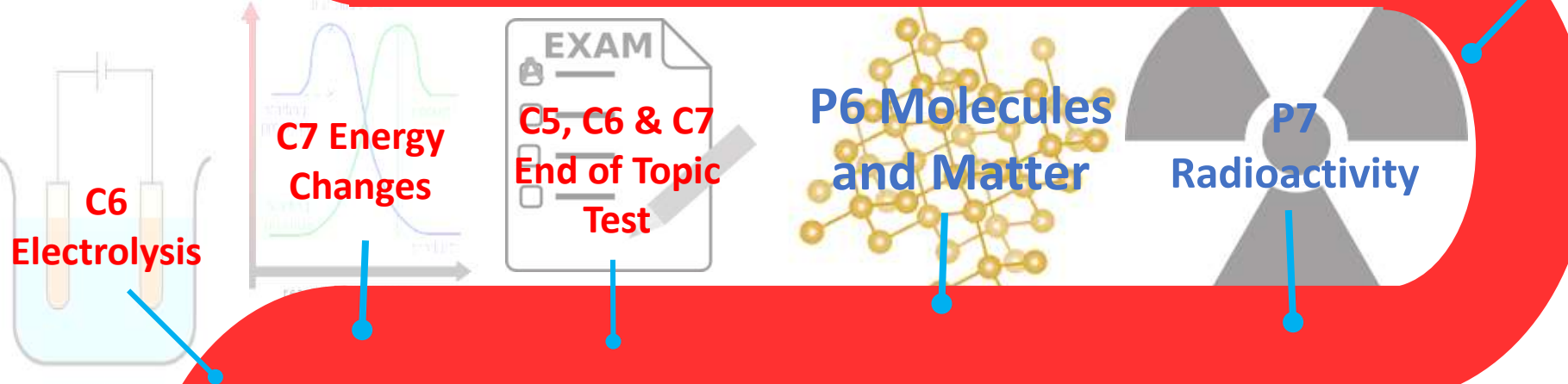
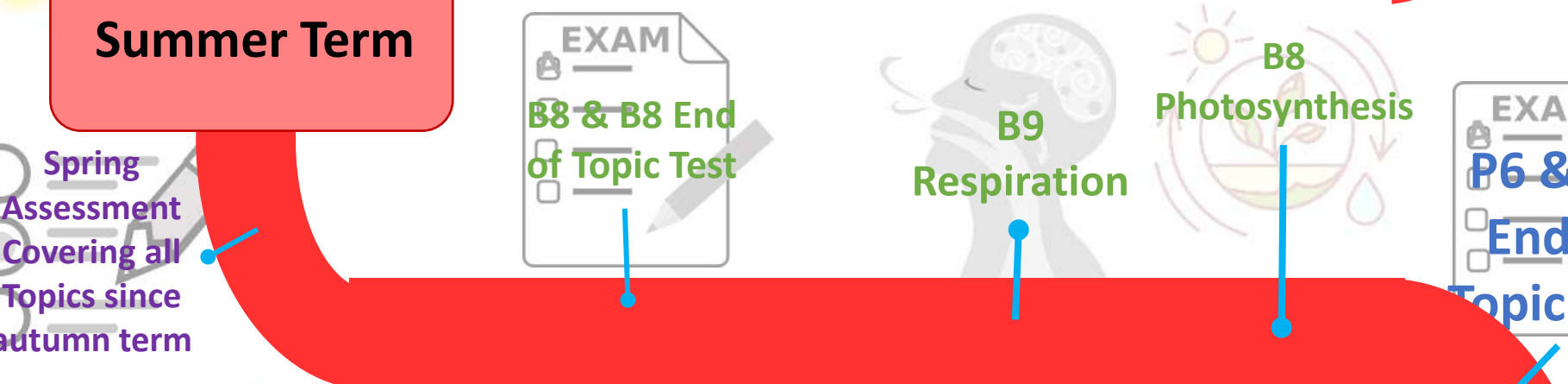
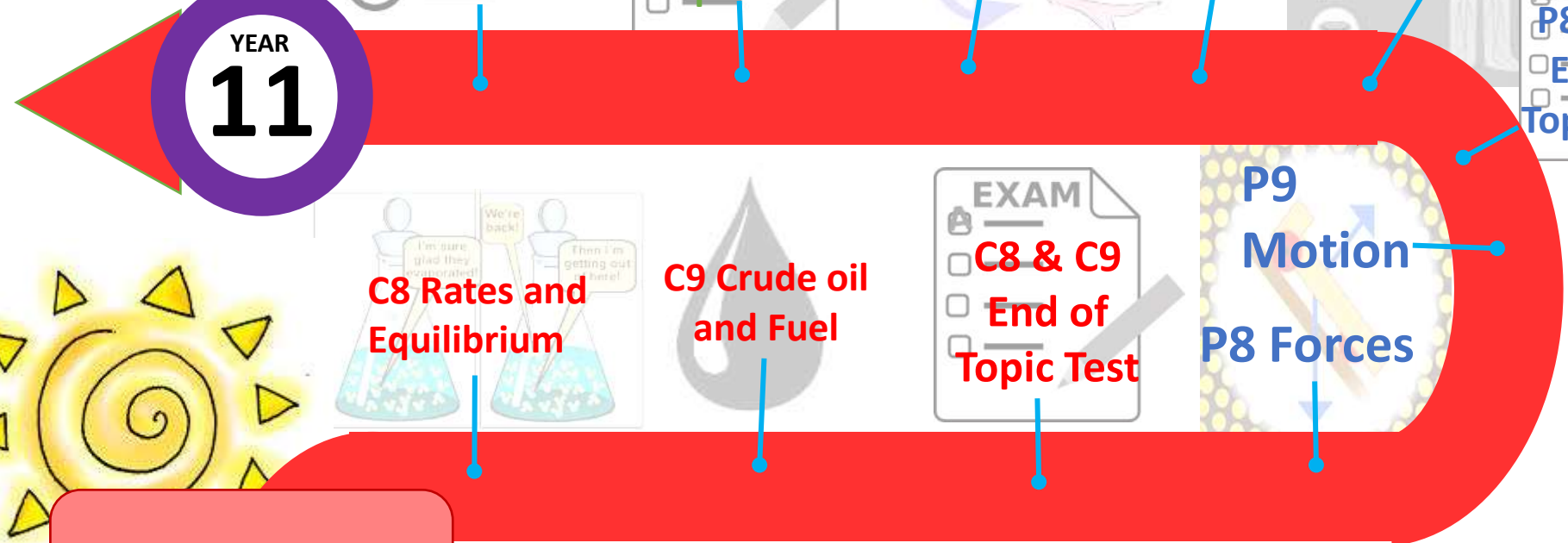
EXAM B10, B11 & B12 End of Topic Test

B12 Homeostasis

B11 Hormonal Response

B10 The Nervous System

EXAM P8 & P9 End of Topic Test



Summer Term

Spring Term

Autumn Term

YEAR 10

C8 Rates and Equilibrium

C9 Crude oil and Fuel

C8 & C9 End of Topic Test

P9 Motion

P8 Forces

B8 Photosynthesis

B9 Respiration

P6 & P7 End of Topic Test

B8 Photosynthesis

B9 Respiration

C6 Electrolysis

C7 Energy Changes

C5, C6 & C7 End of Topic Test

P6 Molecules and Matter

P7 Radioactivity

C5 Chemical Changes

B7 Non-Communicable Disease

B6 Preventing and treating disease

Autumn Assessment Covering all topics since autumn term

B5 Communicable Diseases

P5 Electricity in the home

P4 & P5 End of Topic Test

B5 Communicable Diseases

P4 Electric Circuits

C4 Chemical Calculations

B4 Organising animals and plants

B3 Organization and the digestive system

C3 Structure and Bonding

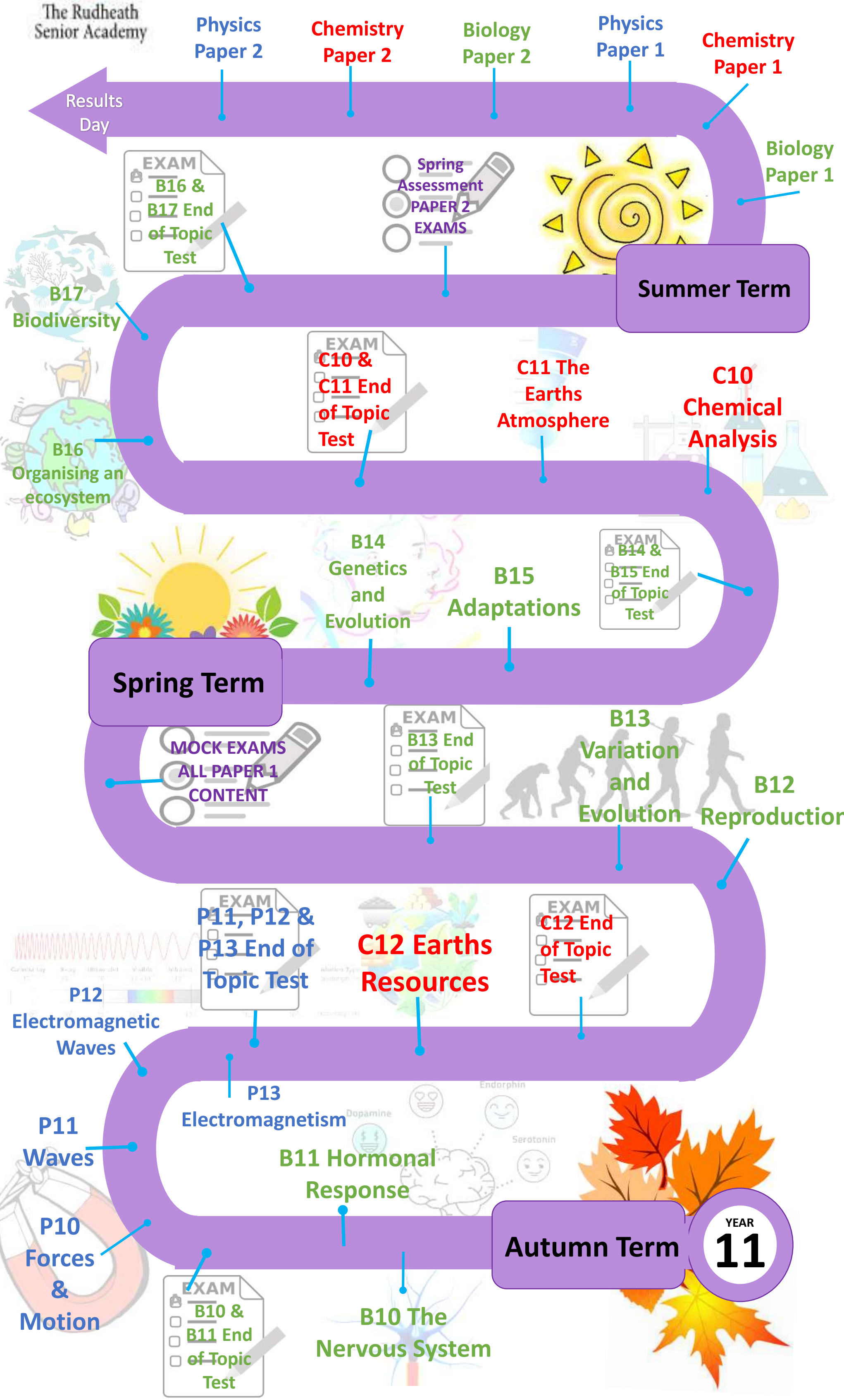
B3 & B4 End of Topic Test

Year 11 Combined Science Learning Journey



The Rudheath Senior Academy

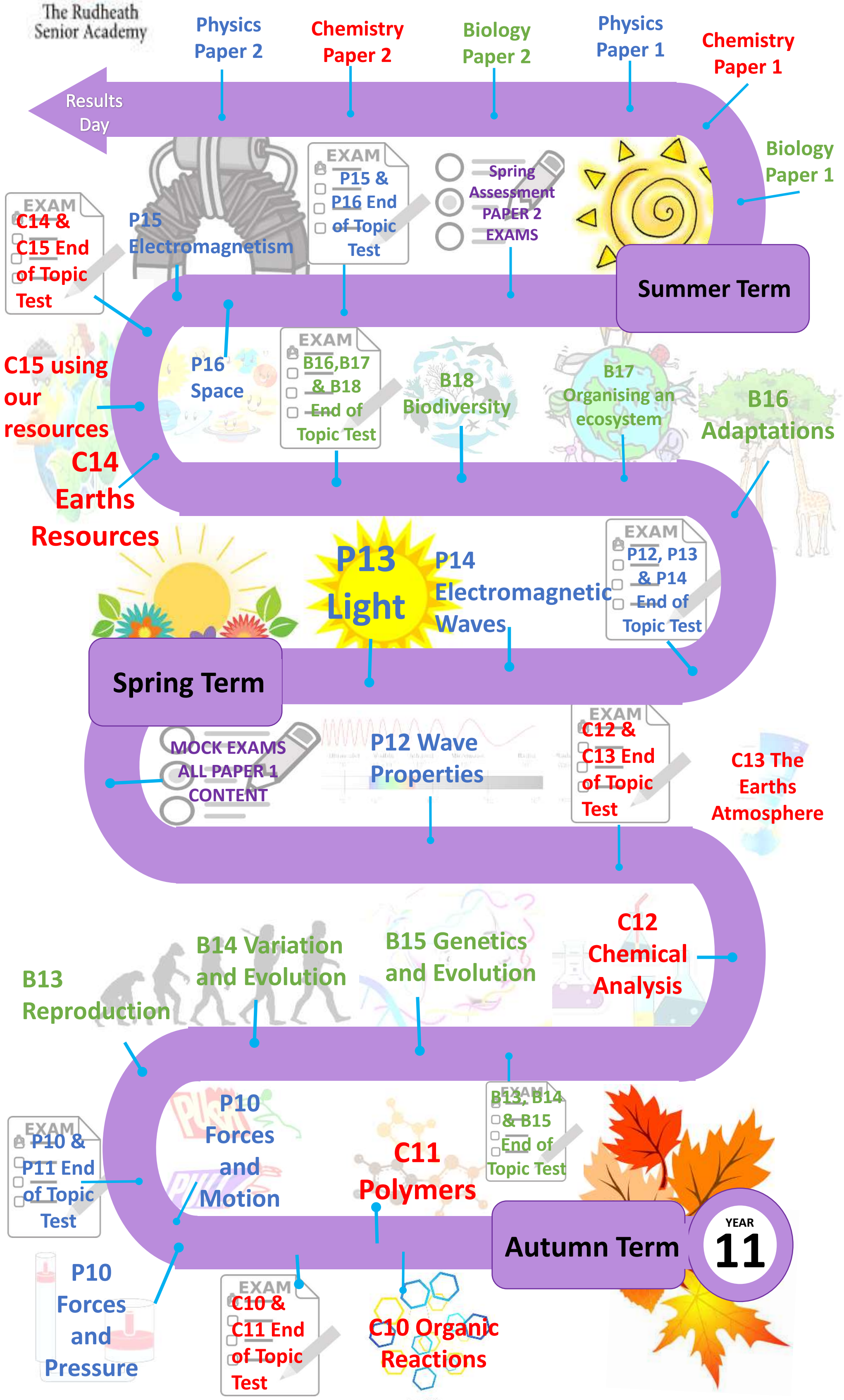
Journey



Year 11 Triple Science Learning Journey



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