

Year 8 Science Learning Journey

Careers links

- Lab technician, doctor, physiotherapist, dietician, geneticist
- Geologist, pharmacist, agricultural engineer, product designer, construction
- Civil engineer, astronaut, heating and insulation technician, optician, audio-visual technician

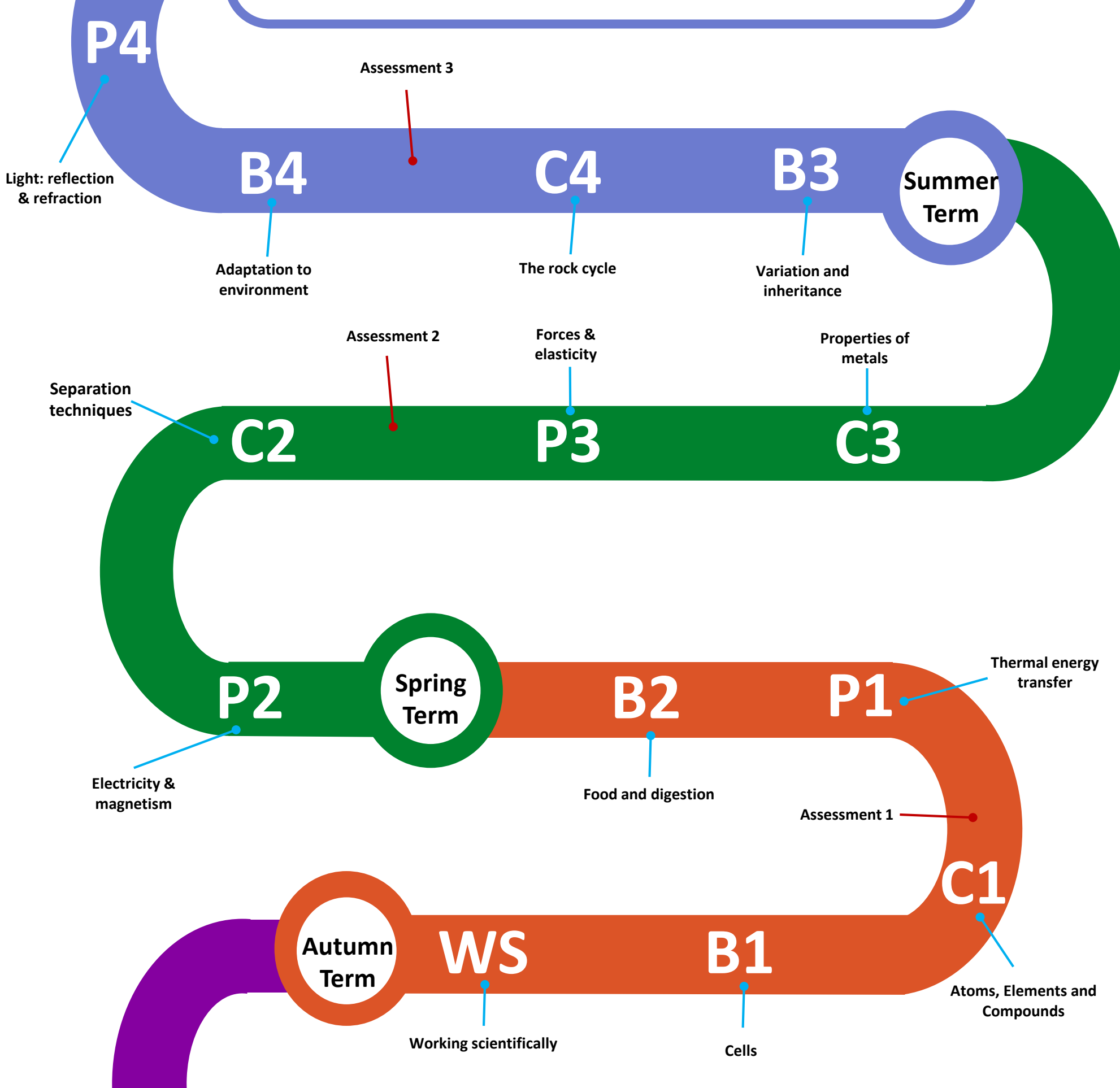
In year 9:

- Cell transport
- Respiratory system
- Inheritance
- Photosynthesis
- Periodic table
- Reactivity
- Using resources
- Energy calculations
- Forces and motion
- Electromagnetism

What Next?

By the end of Year 8

- Demonstrate accurate knowledge and understanding of key scientific ideas and apply these correctly to familiar contexts, using accurate scientific terminology.
- Select, plan, and carry out the most appropriate types of scientific enquiries to test predictions.
- Decide how to record data of increasing complexity
- Interpret observations and data, including identifying patterns and using observations, measurements, and data to draw conclusions.



At the beginning of Year 8

- Identify hazards in scientific investigations
- Recognise independent, dependant and control variables
- Describe trends in results using supporting evidence
- Use appropriate tier 3 vocabulary to describe scientific processes
- Use scientific knowledge, understanding and experiences to provide simple explanations for scientific phenomena