

Ready for the future

- Medicine, Dentistry and Veterinary
- Science & Engineering
- Science & Health Professions
- Social Sciences

Physics

- Energy & Energy resources
- Particles at work
- Waves
- Forces in action
- Electromagnetism

Year 9

- Human Earth
- Electricity
- Atomic World
- Pressure
- Genetics

Year 7

- Matter
- Cells
- Universe
- Reactions
- Energy
- Life Story

Prior learning

- Organisms
- Energy
- Forces
- Solar System
- Matter

Year 7-11 Learning journey

Science at Padgate



Biology

- Cells & organisation
- Disease
- Bioenergetics
- Ecology
- Biological responses
- Genetics & reproduction

Chemistry

- Atoms & Bonding
- Chemical reactions & energy changes
- Earths resources

Year 8

- Fueling Life
- Light
- Planet Earth
- Forces
- Eco-Systems & survival

Baseline test

- Plants
- Animals including humans
- Rocks
- Light
- Forces
- Living things
- Matter
- Sound
- Earth & space
- Matter
- Cells
- Universe
- Reactions & energy
- Life story

