Eckington School

KS5 Curriculum Roadmap

Applied Science

BTEC

Y13

UNIT 6 - Investigative Project
- Project Research
- Project Planning
- Project Implementation
- Project Evaluation

UNIT 4 - Laboratory Techniques & Their Application
- Managing Scientific information
- Manufacturing an Organic Solid
- Manufacturing an Organic Liquid
- Health & Safety in Scientific Organisations

UNIT 5 - Principles & Applications of Science II
- Ionising Radiation in Medicine
- Non-ionising Radiation in Medicine
- Health & Safety of Radiation

UNIT 21 - Medical Physics
- Thermal Physics, Materials & Fluids
- Organs & Systems
- Properties & Uses of Substances

Y12

UNIT 8 - Human Anatomy & Physiology
- Musculo-skeletal System
- Digestive System
- Lymphatic System

UNIT 3 - Science Investigation Skills
- Electrical Circuits
- Energy Content of Fuels
- Plants & Their Environment
- Diffusion of Molecules
- Enzymes in Action

UNIT 2 - Practical Scientific Procedures & Techniques
- Titration & Colorimetry
- Calorimetry & Cooling Curves
- Chromatography
- Scientific Skills for Lab Work

UNIT 1 - Principles & Applications of Science I
- Waves in Communication
- Structure & Functions of Cells & Tissues
- Periodicity & Properties of Elements

Chorus Education Trust