# YEAR 10A2 TRILOGY SCIENCE TIMETABLE 2020 - 2021

| DATE W/C | WEEK | NJC | OAK ACADEMY LINKS TO USE | RB | OAK ACADEMY LINKS TO USE | MR SHAW | OAK ACADEMY LINKS TO USE |
|---|---|---|---|---|---|---|---|
| 07-Sep-20 | 2 | B3 ORGANISATION AND THE DIGESTIVE SYSTEM + REQUIRED PRACTICAL B3.3 / B3.6 | | RECAP C3 STRUCTURE AND BONDING | Structure and bonding review | P1 RECAP | Energy review |
| 14-Sep-20 | 3 | | Digestion | | | | |
| 21-Sep-20 | 4 | | Absorption | C4 - CHEMICAL CALCULATIONS + REQUIRED PRACTICAL C4.7 | Relative formula mass FT / Relative formula mass HT / Moles and Avogadro's constant HT / Balancing equations FT / Balancing equations HT / Reacting masses FT / Reacting masses HT / Concentration FT / Concentration HT / Limiting reactants HT / Quantitative chemistry review HT / Quantitative chemistry review FT only | P4 ELECTRIC CIRCUITS + REQUIRED PRACTICALS P4.3 / P4.4 / P4.6 | Drawing electrical circuits |
| 28-Sep-20 | 5 | | Food tests | | | | Current and charge |
| | | | | | | | Potential difference |
| 05-Oct-20 | 6 | | Digestive enzymes | | | | Electrical Resistance |
| | | | Investigating Enzymes | | | | Resistance of a wire |
| 12-Oct-20 | 7 | | pH and Enzymes 1 | | | | Series circuits |
| | | | | | | | Parallel circuits |
| 19-Oct-20 | 8 | | pH and Enzymes 2 | | | | Series and parallel Circuits |
| | | | | | | | Properties of Resistors |
| | | | | | | | Filament lamps |

## HALF TERM

| DATE W/C | WEEK | NJC | OAK ACADEMY LINKS TO USE | RB | OAK ACADEMY LINKS TO USE | MR SHAW | OAK ACADEMY LINKS TO USE |
|---|---|---|---|---|---|---|---|
| 02-Nov-20 | 9 | B4 ORGANISING ANIMALS AND PLANTS | | C5 - CHEMICAL CHANGES + REQUIRED PRACTICALS C5.5 / C5.6 | Redox / Redox (oxidation and reduction in terms of electrons) HT only / Investigating the reactivity of metals / Displacement reactions of metals / Acid base reactions / Observations from acid base reactions / Acid base ionic equations HT / Making salts / Acids, alkalis and the pH scale / Strong and weak acids HT | P4 CIRCUITS | Diodes |
| 09-Nov-20 | 10 | | Heart Rate | | | | Light dependent Resistors |
| 16-Nov-20 | 11 | | Heart disease | | | | Thermistors |
| | | | The lungs | | | | Review of electrical circuits |
| 23-Nov-20 | 12 | | Plant tissues | | | P5 ELECTRICITY IN THE HOME | Domestic electricity |
| | | | Transport in plants | | | | Electrical power - part 1 |
| 30-Nov-20 | 13 | | Investigating transpiratio | | | | Electrical power - part 2 |
| 07-Dec-20 | 14 | | | | | | Multi-Step calculations |
| 14-Dec-20 | 15 | | Investigating transpiratio | | | | Domestic electricity review |

## CHRISTMAS HOLIDAY