

Lab Science 2022-23

| Week No. | Week Beg. | | |
|------------------------|-----------|--|---|
| 39 | 06 Jun 22 | Skills work (YSL) | |
| 40 | 13 Jun 22 | Teambuilding Challenge / Lab equipment | |
| 41 | 20 Jun 22 | Hazards / Chemistry Experiment | |
| SUMMER BREAK | | | |
| 1 | 15 Aug 22 | IS IS Unit 2 Outcome 1: legislation / hazard symbols | |
| 2 | 22 Aug 22 | PPE / PAT | Unit 2 - Outcome 1: Writing a Risk Assessment |
| 3 | 29 Aug 22 | risk assessment | 1st Review |
| 4 | 05 Sep 22 | Outcome 2: chemical handling - cleaning a spill | |
| 5 | 12 Sep 22 | requirements for storage / safe disposal | Outcome 2: Storage, solutions and spills |
| 6 | 19 Sep 22 | preparing solutions | |
| 7 | 26 Sep 22 | H Outcome 3: Calculations to make solutions: % / rearranging equations | |
| 8 | 03 Oct 22 | averages / ratios | Outcome 3: calculations to make solutions |
| 9 | 10 Oct 22 | CV writing | 1st Interim Unit 1 - Outcome 3: CV writing |
| October Week | | | |
| 10 | 24 Oct 22 | IS Job Report 1 | Unit 2 |
| 11 | 31 Oct 22 | Unit 3: Outcome 1: aseptic technique / GLMP / environment swap | |
| 12 | 07 Nov 22 | using a microscope | Unit 3 - Outcome 1a): Pouring plates |
| 13 | 14 Nov 22 | preparing slides, wet / dry mount | Outcome 1c): making slides |
| 14 | 21 Nov 22 | streak plate / inoculated broth | |
| 15 | 28 Nov 22 | lawn spread | Outcome 1b): Subculturing |
| 16 | 05 Dec 22 | biology project - antifungal cream | |
| 17 | 12 Dec 22 | Job Report 2 | 2nd Review Unit 3 |
| 18 | 19 Dec 22 | | |
| CHRISTMAS BREAK | | | |
| 19 | 02 Jan 23 | H H H Unit 3: Outcome 3: measuring voltage + current | |
| 20 | 09 Jan 23 | Melting Point Apparatus / lasers | Full report Unit 3 - Outcome 3: using Scientific Instruments |
| 21 | 16 Jan 23 | Unit 1: Dyson experience | |
| 22 | 23 Jan 23 | Dyson experience | Unit 1 - Outcome 1 & 2: investigation Careers |
| 23 | 30 Jan 23 | Job Report | Unit 1 |
| 24 | 06 Feb 23 | Colorimetry / Spectrophotometer | Unit 3 - Outcome 3: using Scientific Instruments |
| 25 | 13 Feb 23 | H H Outcome 2: Radioactivity: radioactive sources/safety Parents' Eve | |
| 26 | 20 Feb 23 | Measuring Radioactivity | Outcome 2: Radioactivity |
| 27 | 27 Feb 23 | Outcome 4: Titrations | |
| 28 | 06 Mar 23 | Outcome 4: Distillation | Outcome 4: titrations, distillations - chromatography |
| 29 | 13 Mar 23 | Outcome 4: Chromatography | |
| 30 | 20 Mar 23 | Unit 4: Investigation | Unit 4 - Outcome 1, 2 & 3: plan, carry out and write a report on a scientific investigation |
| 31 | 27 Mar 23 | Investigation | 3rd Review |
| Spring Break | | | |
| 32 | 17 Apr 23 | Investigation | |
| 33 | 24 Apr 23 | Mop up | |
| 34 | 01 May 23 | H IS Study Leave | |
| 35 | 08 May 23 | Study Leave | |
| 36 | 15 May 23 | Study Leave | |
| 37 | 22 May 23 | Study Leave | |
| 38 | 29 May 23 | H Study Leave | |
| 39 | 05 Jun 23 | Study Leave | |
| 40 | 12 Jun 23 | Study Leave | |
| 41 | 19 Jun 23 | Study Leave | |

All pupils will practice techniques in class and be routinely assessed in these techniques