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| **STUDENT UNIT PLANNER** | | | | | | |
| **Year Level:** | | | 7 | | Student check list: 🗹 when you know… | |
| **Subject:** | | | Science | | Assessment due dates  The learning goals and success criteria for this term  Changes to routines e.g. excursions  When assessment practice lessons will occur (exemplars)  When revision lessons will occur | |
| **Term/Year:** | | | 1 / 2019 | |
| **Unit Title:** | | | Introduction to the Laboratory & Separating Mixtures – *Sizzling Science* | |
| **Assessment:** | | | Assignment due week 9 | |
| **Key Resource:** | | |  | |
| **Student Achievement:** At the end of this unit, I am aiming to achieve a \_\_\_\_\_ result. | | | | | | |
| **WK** | **Wk. Beg** | **Holidays or variations this week** | **Lesson 1** | **Lesson 2** | | **Lesson 3** |
| 1 | 28 Jan. 19 | Australia Day Holiday Monday 27th | **AUSTRALIA DAY HOLIDAY** | **LGA, SC a, b & c**  **Laboratory Safety**   * Safety rules * Safety equipment and procedures | | **LGA, SC d**  **Laboratory Equipment**   * Pieces of laboratory equipment and their uses * Drawing scientific equipment |
| 2 | 4 Feb. 19 | Swimming Carnival | **LGA, SC e, f & g**  **Bunsen Burners**  -parts of the Bunsen burner  -how to use  -safety | **LGA, SC e, f & g**  Bunsen Burner Licenses | | **LGA, SC e, f & g**  Bunsen Burner Prac – heating water (measuring temperature) |
| 3 | 11 Feb. 19 | School photos | **LG1: SC 1,2,3,4**  **Scientific Method**  **Fair tests and variables** – independent and dependent variables, control variables | **LG2: SC 5,8,9,10,11**  **Scientific Method**  **Fair tests and variables** – Write an aim and hypothesis prior to testing. Materials and Method. Record and present results. Draw a conclusion | | **LG2: SC10,11**  **Scientific Method**  Prac – conduct a fair test |
| 4 | 18 Feb. 19 | My PB | **LG2: SC10**  **Measuring accurately and Reading Scales**  – measuring competition | **LG 1: SC4**  Making inferences and observations | | **LG 1: SC4**  Prac – observations and inferences |
| 5 | 25 Feb. 19 |  | **YEAR 7 CAMP** | | | |
| 6 | 4 Mar. 19 |  | **LG3: SC12,13**  Chemistry   * Substances, mixtures, solutes, solvents, solutions | **LG3: SC14,15,16,19**    - solvents, solutes, solutions  - solubility  - homogenous & heterogeneous mixtures | | **LG3: SC16**  Prac - solubility |
| 7 | 11 Mar. 19 |  | **LG4: SC17, 18 & 20**  **Filtration and decanting**   * Definitions * Identify applications in waste water management | **LG4: SC17,18 & 20**  **Evaporation and distillation**   * Definitions * Identify applications in waste water management and commercial contexts * Numeracy – calculating % reclaimed | | **LG4: SC17,18 & 20**  **Magnetism**   * Definition and explanation * Identify applications in waste management and recycling |
| 8 | 18 Mar. 19 |  | **LG4: SC17,18 & 20**  Crystallisation  Dissolving  Centrifuging | **LG4: SC17,18 & 20**  **COSMOS** – Separating Mixtures | | **LG1: SC6 & 7**  **ASSIGNMENT OUT**   * Conduct experiment * Record results * Calculate averages |
| 9 | 25 Mar. 19 |  | **LG1: SC6 & 7**  **Assignment Lesson**   * Conduct experiment * Record results * Calculate Averages | **LG1: SC6 & 7**  **Assignment Lesson**   * Analyse results * Write report | | **LG1: SC6 & 7**  **ASSIGNMENT DUE**   * Write report (continued) * Extension (taking it further) |
| 10 | 1 Apr. 19 |  | **LG4: SC17, 18 & 20**  **Return Assessment**  **Chromatography**  •Definition and explanation  •Identify applications in forensic science – ‘Who Dunnit?’ Activity | **LG4: SC21**  Separation techniques in the home and those used by Indigenous Australians | | **LG4: SC22**  Separation techniques in the food and wine industries |