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|--------------|------------------|----------------|
| <b>13CHE</b> | <b>Chemistry</b> | <b>Year 13</b> |
|--------------|------------------|----------------|

|   |                      |    |       |       |     |     |        |           |
|---|----------------------|----|-------|-------|-----|-----|--------|-----------|
| <b>NCEA Level 3</b><br><br><b>Science</b><br><br><b>LSI</b> | Course is endorsable |    |       |       |     |     |        |           |
|   | <b>Credits</b>       | 1  | 2     | 3     | 4   | 5   | Any    | Total     |
|   | Internal             |    |       | 10    |     |     | 10     | <b>25</b> |
|   | External             |    |       | 15    |     |     | 15     |           |
|   | <b>Pathways</b>      |    | C & I | M & T | P I | S I | S & CS | C I       |
|   | Sector               |    |       |       |     |     |        |           |
| Recommended   |                      | 25 | 25    | 25    | 5   | 25  |        |           |

|              |                |              |   |             |               |                         |         |
|--------------|----------------|--------------|---|-------------|---------------|-------------------------|---------|
| <b>Set A</b> |                | <b>10 cr</b> |   |             | Students : 31 | Enroll                  | Publish |
| 1            | A.S. 91393 v2  | 3 cr         | Chemistry 3.7 - Demonstrate understanding of oxidation-reduction processes  | Science     |               | L1 Lit                  |         |
| 2            | A.S. 91387 v2  | 4 cr         | Chemistry 3.1 - Carry out an investigation in chemistry involving quantitative analysis                               | Science     |               | Num, L1 Lit, W Lit      |         |
| 3            | A.S. 91388 v2  | 3 cr         | Chemistry 3.2 - Demonstrate understanding of spectroscopic data in chemistry  | Science     |               |                         |         |
| <b>Set B</b> |                | <b>15 cr</b> |   |             | Students : 31 | Enroll                  | Publish |
| 1            | A.S. 91390 v2  | 5 cr         | Chemistry 3.4 - Demonstrate understanding of thermochemical principles and the properties of particles and substances | Science     |               | External<br>L1 Lit      |         |
| 2            | A.S. 91391 v2  | 5 cr         | Chemistry 3.5 - Demonstrate understanding of the properties of organic compounds                                      | Science     |               | External<br>L1 Lit      |         |
| 3            | A.S. 91392 v2  | 5 cr         | Chemistry 3.6 - Demonstrate understanding of equilibrium principles in aqueous systems                                | Science     |               | External<br>Num, L1 Lit |         |
| 4            | A.S. 93102 v18 | 0 cr         | Scholarship - Chemistry   | Scholarship |               | External                |         |