**9 Franklin and Galileo – Triple rotations**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** | **Topic 7** |
| **Biology** | **JUV** **(3)** | Cell biology **(14)** | CREST AWARD **(15)** | Organisation **(13)** | Plant tissues **(5)** | Infection and response **(15)** | Bioenergetics **(10)** | Maths in science **(6)** |
| **MJD** **(3)** | Cell biology **(14)** | CREST AWARD **(15)** | Organisation **(13)** | Plant tissues **(5)** | Infection and response **(15)** | Bioenergetics **(10)** | Maths in science **(6)** |

**Crest topic is to be taught jointly between the Biology and Chemistry teacher (organise between them) – 30 lessons max overall**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** | **Topic 7** |
| **Chemistry** | **HAA** **(3)** | Structure of the atom **(10)** | CREST AWARD **(15)** | Chem bonds **(12)** | Quant chem **(11)** | Chem changes **(14)** | Energy changes **(6)** | Rates **(9)** |
| **MCO** **(3)** | Structure of the atom **(10)** | CREST AWARD **(15)** | Chem bonds **(12)** | Quant chem **(11)** | Chem changes **(14)** | Energy changes **(6)** | Rates **(9)** |

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** |
| **Physics** | **CZM** **(2)** | Maths in science **(6)** | Energy **(12)** | Waves **(16)** |
| **CAM** **(2)** | Maths in science **(6)** | Energy **(12)** | Waves **(16)** |

**9 - Learning cycle assessments**

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| --- | --- | --- |
| **Triple** | | |
| **Learning cycle** | **Mid-term assessment** | **End of cycle assessment** |
| **1** | Maths in science (P) | Structure of the atom (C) |
| **2** | Cell biology (B) | Energy (P) |
| **3** | Organisation (B) + Chem bonds (C) | Plant tissue (B) + infection and response (B) + quant chem (C) |
| **4** | Chem changes (C) + Energy changes (C) | Waves (P) + Rates (C) + Bioenergetics (B) |

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| **Double science – Bohr, New, Hod, Cur** | | |
| **Learning cycle** | **Mid-term assessment** | **End of cycle assessment** |
| **1** | Maths in science | Periodic table |
| **2** | Cells | Bonding |
| **3** | Systems | Forces and motion |
| **4** | Investigation skills | Plants + matter |

|  |  |  |
| --- | --- | --- |
| **Double science – Cri, Dar, Pas, Men** | | |
| **Learning cycle** | **Mid-term assessment** | **End of cycle assessment** |
| **1** | Maths in science | Cells |
| **2** | Periodic table | Systems |
| **3** | Bonding | Plants |
| **4** | Investigation skills | Forces and motion + matter |

**9 Double rotations – Bohr**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **NW (2)** | Cells **(13)** | systems **(17)** | CREST **(15)** | plants **(12)** | | |
| **DS2** | **CZM (2)**  **PAH (1)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | CREST **(15)** | Forces and motion **(12)** | Matter **(11)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**

**9 Double rotations – Newton**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **NW (2)** | Cells **(13)** | systems **(17)** | CREST **(15)** | plants **(12)** | | |
| **DS2** | **RE (3)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | CREST **(15)** | Forces and motion **(12)** | Matter **(11)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**

**9 Double rotations – Hodgkin**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **SEH (2)** | Cells **(13)** | systems **(17)** | CREST **(15)** | plants **(12)** | | |
| **DS2** | **AGF (3)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | CREST **(15)** | Forces and motion **(12)** | Matter **(11)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**

**9 Double rotations – Curie**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **RE (2)** | Cells **(13)** | systems **(17)** | CREST **(15)** | plants **(12)** | | |
| **DS2** | **MJD (3)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | CREST **(15)** | Forces and motion **(12)** | Matter **(11)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**

**9 Double rotations – Crick**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** |
| **DS1** | **MSL (3)** | Cells **(13)** | systems **(17)** | plants **(12)** | CREST **(15)** | Matter **(11)** |
| **DS2** | **MCO (2)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | Forces and motion **(12)** | CREST **(15)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**

**9 Double rotations – Darwin**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** |
| **DS1** | **MSL (3)** | Cells **(13)** | systems **(17)** | plants **(12)** | CREST **(15)** | Matter **(11)** |
| **DS2** | **MCO (2)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | Forces and motion **(12)** | CREST **(15)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**

**9 Double rotations – Pasteur**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** |
| **DS1** | **JUV (3)** | Cells **(13)** | systems **(17)** | plants **(12)** | CREST **(15)** | Matter **(11)** |
| **DS2** | **PAH (2)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | Forces and motion **(12)** | CREST **(15)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**

**9 Double rotations – Mendeleev**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** |
| **DS1** | **SEH (3)** | Cells **(13)** | systems **(17)** | plants **(12)** | CREST **(15)** | Matter **(11)** |
| **DS2** | **AGF (2)** | Maths in science **(6)** | Periodic table **(9)** | Bonding **(7)** | Forces and motion **(12)** | CREST **(15)** |

**Crest topic is to be taught jointly between the DS1 and DS2 teacher (organise between them) – 30 lessons max overall**