**11 Franklin and Galileo – Triple rotations**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** |
| **Biology** | **MJD** **(3)** | Ecology **(22)** | Homeostasis and response **(20)** | Genetics **(18)** |
| **JUV** **(3)** | Ecology **(22)** | Homeostasis and response **(20)** | Genetics **(18)** |

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** |
| **Chemistry** | **HAA** **(3)** | Rates **(9)** | Organic **(13)** | Chem. Analysis **(12)** | Chemistry of atmosphere **(6)** | Using resources **(15)** |
| **PAH** **(3)** | Rates **(9)** | Organic **(13)** | Chem. Analysis **(12)** | Chemistry of atmosphere **(6)** | Using resources **(15)** |

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** |
| **Physics** | **CZM** **(3)** | Magnetism **(6)** | particles **(9)** | Atomic structure **(10)** | Space **(6)** |
| **CAM** **(3)** | Magnetism **(6)** | particles **(9)** | Atomic structure **(10)** | Space **(6)** |

**11 - Learning cycle assessments**

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| **Biology** |
| **Learning cycle** | **Mid-term assessment** | **End of cycle assessment** |
| **1** | ? (ecology 1st half test) | Ecology |
| **2** | PPE | Homeostasis |
| **3** | PPE | Genetics |
| **4** | Revision | Revision |

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| **Chemistry** |
| **Learning cycle** | **Mid-term assessment** | **End of cycle assessment** |
| **1** | Rates | Organic |
| **2** | PPE | Chem analysis + Chem of atmosphere |
| **3** | PPE | Using resources |
| **4** | Revision | Revision |

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| **Physics** |
| **Learning cycle** | **Mid-term assessment** | **End of cycle assessment** |
| **1** | Magnetism | particles |
| **2** | PPE | Atomic structure |
| **3** | PPE | space |
| **4** | Revision | Revision |

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| **Double science** |
| **Learning cycle** | **Mid-term assessment** | **End of cycle assessment** |
| **1** | Health + acids and alkalis | Radiation and risk |
| **2** | PPE | Diseases **(1)**, earth’s atmosphere **(1)**, rates **(2)** + atoms into ions **(2)** |
| **3** | PPE | Ecosystems **(1)**, Genetics **(1)**, Carbon chem **(2)** + resources **(2)** |
| **4** | Revision | Revision |

**11 Double rotations – Bohr**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **HAA (3)** | Lifestyle and health **(9)** | Radiation and risk **(7)** | Diseases **(9)** | Earth’s atmosphere **(8)** | Ecosystems **(8)** | Genetics **(10)** |
| **DS2** | **AGF (2)** | Acids + alkalis **(9)** | Rates **(11)** | Atoms into ions **(5)** | Carbon chemistry **(6)** | Resources **(9)** | Revision |

**11 Double rotations – Curie**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **JUV (3)** | Lifestyle and health **(9)** | Radiation and risk **(7)** | Diseases **(9)** | Earth’s atmosphere **(8)** | Ecosystems **(8)** | Genetics **(10)** |
| **DS2** | **PAH (2)** | Acids + alkalis **(9)** | Rates **(11)** | Atoms into ions **(5)** | Carbon chemistry **(6)** | Resources **(9)** | Revision |

**11 Double rotations – Darwin**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **MCO (3)** | Lifestyle and health **(9)** | Radiation and risk **(7)** | Diseases **(9)** | Earth’s atmosphere **(8)** | Ecosystems **(8)** | Genetics **(10)** |
| **DS2** | **MSL (2)** | Acids + alkalis **(9)** | Rates **(11)** | Atoms into ions **(5)** | Carbon chemistry **(6)** | Resources **(9)** | Revision |

**11 Double rotations – Pasteur**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **SEH (3)** | Lifestyle and health **(9)** | Radiation and risk **(7)** | Diseases **(9)** | Earth’s atmosphere **(8)** | Ecosystems **(8)** | Genetics **(10)** |
| **DS2** | **CZM (2)** | Acids + alkalis **(9)** | Rates **(11)** | Atoms into ions **(5)** | Carbon chemistry **(6)** | Resources **(9)** | Revision |

**11 Double rotations – Hodgkin**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** |
| **DS1** | **JUV (3)** | Lifestyle and health **(9)** | Radiation and risk **(7)** | Diseases **(9)** | Earth’s atmosphere **(8)** | Ecosystems **(8)** | Genetics **(10)** |
| **DS2** | **MSL (2)** | Acids + alkalis **(9)** | Rates **(11)** | Atoms into ions **(5)** | Carbon chemistry **(6)** | Resources **(9)** | Revision |

**11 Double rotations – Crick**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** | **Topic 7** |
| **DS1** | **MJD (4)** | Lifestyle and health **(9)** | Acids + alkalis **(9)****DS2** | Diseases **(9)** |  Rates **(11) DS2**Help CZM atmosphere | Ecosystems **(8)** | Genetics **(10)** | Carbon chemistry **(6) DS2** |
| **DS2** | **CZM (1)** | Radiation and risk **(7)** **DS1** | Atoms into ions **(5) DS2** | Earth’s atmosphere **(8)** | Resources **(9)****DS2** | REVISION + HELP OTHER TEACHER |

**11 Double rotations – Newton**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** | **Topic 7** |
| **DS1** | **SEH (2)** | Lifestyle and health **(9)** | Diseases **(9)** | Earth’s atmosphere **(8)** | Ecosystems **(8)** | REVISION + HELP OTHER TEACHER |
| **DS2** | **PAH (3)** | Acids + alkalis **(9)** | Radiation and risk **(7)****DS1** | Rates **(11)** | Atoms into ions **(5)** | Carbon chemistry **(6)** | Resources **(9)** | Genetics **(10)****DS1** |

**11 Double rotations – Mendeleev**

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| **Subject** | **Teacher** | **Topic 1** | **Topic 2** | **Topic 3** | **Topic 4** | **Topic 5** | **Topic 6** | **Topic 7** |
| **DS1** | **RE (2)** | Lifestyle and health **(9)** | Diseases **(9)** | Earth’s atmosphere **(8)** | Ecosystems **(8)** | REVISION + HELP OTHER TEACHER |
| **DS2** | **JEC (3)** | Acids + alkalis **(9)** | Radiation and risk **(7)****DS1** | Rates **(11)** | Atoms into ions **(5)** | Carbon chemistry **(6)** | Resources **(9)** | Genetics **(10)****DS1** |