

Year 7 Spring Term 1

| 01/01/2024 | 08/01/2024 | 15/01/2024 | 22/01/2024 | 29/01/2024 | 05/02/2024 |
|--|------------|------------|------------|------------|---|
| week 15 | week 16 | week 17 | week 18 | week 19 | week 20 |
| Physics 1: Energy stores and transfers | | | | | Chem 2 |
| 7I Energy: 1. How much energy does a person need from their food? 2. How do we know how much energy is in food? 3. How can energy be stored? What is the conservation of energy? 4. What are fuels and how can we describe them? 5. What makes a good fuel? 6. What are energy resources and how do they work? | | | | | 7G Particle Model: 1. What are the states of matter? 2. What is particle theory? 3. What makes particles move? (LI: 4-5 will continue next half term) |
| 8K Transferring Energy: 1. How is energy transferred? 2. What factors affect temperature, how can temperature change? 3. How is heat transferred when there are no particles? 4. How is heat transferred using particles? 5. What are conductors and insulators? 6. How do we control energy transfers? 7. How do we calculate how efficient energy transfers are? 8. What is power? How do we pay for energy? | | | | | |