|  |  |
| --- | --- |
| **Year 11****Physics****2021-2022** | In year 11 you will learn how we can describe motion, how understanding forces can make driving safer, what causes pressure in fluids and how the motion of falling objects change as they fall. We will then move on to learn about star life cycles, what measurements tell us about the universe and movement of planetary and astral bodies, and the role of gravity in space physics. This builds on forces and space content from KS3. |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| **Topic P5 – FORCES** |
| Weekly Homework Tasks**TASSOMAI REVISION** |  |  |  |  |  | **Mid Topic Assessment** |
| **Key Knowledge Content =** Using forces to describe motion**Attitudes and Skills** **TENSILE:** Numeracy**Numeracy =** Making estimates |  | Required Practical = Acceleration |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | **16** |
| **P5 cont….** |  |  |  |  |  | **Revision** | **Revision** |
|  |  |  |  |  | **End of P5 Topic Test** |  |  |
|  |  | Required Practical = Extension of a spring |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 18 | 19 | 20 | 21 | 22 | **23** | 24 |
| **Topic P8 – SPACE PHYSICS** | **Revision** |
| Weekly Homework Tasks**TASSOMAI REVISION** |  | **Mid Topic Assessment** |  |  | **End of P8 Topic Test** |  |
| **Key Knowledge Content =** Life cycle of stars and motion in space**Attitudes and Skills****TENSILE:** Numeracy**Numeracy =**Scale and standard form |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 26 | 27 | **28** | 29 | 30 | 31 | 32 |
| **Revision** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **33** | 34 | 35 | 36 | 37 | 38 | 39 |  |
|  |  |
|  |