**Year 9 Physics – Forces & Atoms**

**Homework Timetable**

**Message to parents**

This homework timetable provides an overview of when homework is set and the deadline for submission. It is important that a degree of flexibility is allowed in these dates. The dates for issuing and submitting homework will be given as lesson numbers.

There may also be additional pieces of homework issued to students which are not on this timetable.

**Please check your child’s planner frequently for more precise dates and times of when homework is issued and needs to be submitted.**

**Topic: Forces & Atoms**

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| **Date Homework is Set** | **Description of Homework** | **Resources Needed** | **Date Homework is Due** |
| Lesson 1 – Introduction to Forces | Students are required to construct an imaginary ‘ScienceBook’ profile for Sir Isaac Newton. More details provided in the sheet students will take home with them after lesson 1. | Access to the internet to research the roles of this scientist in the formation of three laws of motion.‘ScienceBook’ template provided by the school. | Lesson 2 – Newton’s Laws of Motion. |
| Lesson 4 – Weight, mass and gravity | Students are required to research the strength of gravity on different planets in the Solar System and then calculate their weights on each of these planets. | Access to the internet for information. | Lesson 5 – Stopping, Braking and Thinking Distance |
| Lesson 6 – Atoms and Isotopes | Students are required to construct an imaginary ‘ScienceBook’ profile for Sir Ernest Rutherford. More details provided in the sheet students will take home with them after lesson 1. | Access to the internet to research the roles of this scientist in the discovery of the nucleus.‘ScienceBook’ template provided by the school. | Lesson 7 – Discovery of the Nucleus |
| Lesson 9 – Nuclear Fusion | Students are given two weeks to revise for a test on all content covered this year regarding the forces & atoms topic. | Access to the internet, exercise books or textbooks for information. | Lesson 11 – End of Topic Test |