**Year 9 Physics - Energy**

**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: Energy**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date Homework is Set** | **Description of Homework** | **Resources Needed** | **Date Homework is Due** |
| Lesson 1 – States of Matter | Students are required to complete an experiment in home. They will be required to research the effect of freezing water on density and particle arrangements. | Access to a freezer.  Instruction sheet will be provided by the teacher. | Lesson 2 – Energy Transfers and Sankey Diagrams |
| Lesson 4 – Work, Force and Energy | Revise for a midterm test on all content that has been covered so far in the energy topic. |  | Lesson 5 – Test |
| Lesson 6 – Renewable Energy Sources | Students are required to write a letter to the Prime Minister to explain which energy source they believe to be the best and why it is better than the other options. | Access to the internet, exercise books or textbooks for information.  Letter writing template/framework to be provided by the teacher. | Lesson 7 – Renewable Energy |
| Lesson 8 - The National Grid | Students are required to design a poster that explains the process by which electricity is generated and then is delivered to homes. | Access to the internet, exercise books or textbooks for information.  Success criteria to be provided by the teacher. | Lesson 9 - Revision |
| Lesson 9 – Revision | Revise for a test on all content covered regarding the energy topic. | Access to the internet, exercise books or textbooks for information. | Lesson 10 – End of Topic Test |