

Physics Homework Overview Term 3.2

The table below outlines some of the possible homework tasks that students may be asked to complete during this half term

Year group	Topics Students will be learning	Description of homework tasks
7	Exploring magnets Investigating static charge Applying electrostatics Exploring gravity on Earth	How are magnets used in modern industry and recycling Research 3 uses of static electricity – how is the process applied in each case Create an annotated diagram to show how water is being repelled in the photo Write a story about going on a spaceship to a newly discovered planet
8	Exploring sound Reflection of sound Hearing sound Find out about sounds we cannot here	Research how some animals use echo sounding. Is the Mosquito Alarm an Infringement on Human Rights? Debate preparation for the next lesson How is the ear designed to capture sound waves Create a model of the ear
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10	Structure of the atom Radioactivity Background radiation Half-life	Practice exam question atomic structure what happened to alexander litvinenko Create a poster on the origins of background radiation from Earth and space Practice exam question
11	Static electricity Dangers of static electricity Electric currents Series and parallel circuits	Research 3 uses of static electricity Current and calculations worksheet Practice exam question - static electricity Compare the similarities and difference of series and parallel circuits

Homework Key Points

Each class has an homework timetable. This is specifically designed so that students receive a manageable amount of homework throughout the week. All homework should be recorded into the student planners, please encourage your child to complete this. All homework timetables can be found on the school website (add link here). Please contact the school if you have any questions regarding homework