



PHYSICS

STAFF

Mr A. Haigh
Mr T. Drake
Ms. H. Hume
Mr S. Naylor
Mr R. Tipler

SUPPORT

All teachers are available during break and lunch to drop in and ask for help. We will be working with the online Kerboodle system which allows you to access resources at any time for help and guidance.

INTRODUCTION

Physics is the best way, really the only way; we have of understanding the workings of nature. It examines the interaction of matter and energy, and has led to breath-taking and profound progress in our grasp of the scale and grandeur of the Universe. You will need to be able to apply your knowledge and understanding to unfamiliar contexts, and appreciate the underlying powerful unifying concepts.

WHAT TO BRING FOR YOUR FIRST LESSON

For every lesson, we will expect you to have the standard set of stationery equipment, as well as a scientific calculator (due to the mathematical nature of the subject) and a 30 cm ruler (for measurements, diagrams and graph plotting). As we are moving towards the use of Office 365 for organisation and assessment, if you wish to bring in a laptop or tablet to use, you may, but this is not essential.

CLASSWORK, HOMEWORK AND INDEPENDENT STUDY

In class, you will be discussing new concepts and their applications, as well as answering exam style questions, allowing teachers to guide you and provide feedback. Away from class, we will expect you to be reading and preparing notes, often before lessons, to support your classroom learning. You can also use Up Learn to consolidate understanding and prepare for future topics. This will be outlined in the weekly Directed Learning tasks.

RESOURCES

We will provide you with a lever arch file for you to organise your notes and a revision guide. Electronic resources such as an online text book will be available through the Kerboodle system. Past paper questions, note sheets and such will be available through Teams and OneNote.