

DAGENHAM PARK SUBJECT CURRICULUM

Subject	Science
Year Group	9
Overview	<p>In the first term pupils will learn about the composition of cells, and how substances are transported in and out of them, the particle model, the atomic model, and how substances are separated. They will also learn about energy stores and transfer. In the Spring term pupils will study systems of living organisms and how human health can be affected by problems with these systems. They will learn about the development of the Periodic table, and the types of bonding in chemicals. They will also study the states of matter and the internal energy of matter. In the final term they will study infectious disease and how it is treated, CHEM GOES HERE, and finally electricity and how it is generated from other energy sources.</p> <p>Throughout the year, pupils will be stretched and challenged to develop their scientific skills and knowledge. They will be encouraged to do outside reading, which will be directed by the teacher. Students engage in lesson that are specifically designed to develop their enquiry skills and evaluative skills.</p> <p>Homework will be set that develops pupils independent learning skills.</p>
Autumn Half term 1	Cells Structure Energy
Autumn Half term 2	Transport in and out of Cells Atomic Structure Energy Sources
Spring Half term 1	Systems Periodic Table States of Matter
Spring Half term 2	States of Matter Healthy Systems
Summer Half term 1	Bonding Internal Energy

Summer Half term 2	Introduction to GCSE Skills Developing Practical Skills
Homework	Set weekly on Show My Homework
Useful Resources	Study packs on every section are on the learning platform. KS3 CGP Revision guides. School's Share point. BBC Bitesize. Seneca