

DAGENHAM PARK SUBJECT CURRICULUM

Subject	Science
Year Group	8
Overview	<p>In the first term pupils will explore how to identify different elements and their properties; they will also study the human body in terms of respiration and digestion, and how light and sound travel. In the Spring term pupils will look at plants in depth, focussing on photosynthesis; and begin to understand how electromagnetism works. They will also explore different types of chemical reactions. Finally, they will look at how forces affect speed and space, and they will look at different aspects of interdependence and evolution.</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>Independent project work will be set by the class teacher following the school homework policy. This is readily available on Show My Homework. Each topic will have a graded extended piece of written work, designed to fully support the learning of the pupils, but at the same time promote independence of learning.</p>
Autumn Half term 1	Respiration and Digestion Elements
Autumn Half term 2	Light and Sound
Spring Half term 1	Plants
Spring Half term 2	Chemicals and Metals
Summer Half term 1	Electromagnetism Speed and Space
Summer Half term 2	Interdependence and evolution

Homework	Project work
Useful Resources	Sharepoint BBC Bitesize