



# CHORLTON HIGH SCHOOL: CURRICULUM

---

## CHS Curriculum Intent

**SUCCESSFUL:** Learners who gain deep and powerful knowledge in preparation for life; combining academic rigour, curiosity and creative flair.

**CREATIVE:** Learners who are imaginative, optimistic and inventive; finding their voice to become effective communicators prepared for lifelong adaptability

**HAPPY:** Learners who are confident, resilient, well-rounded citizens; they understand the world's communities and are ready to discover their place in it.

## CHS Curriculum Area Framework for Learning – Year 7

<b>SUBJECT</b>	Science
----------------	---------





# CHORLTON HIGH SCHOOL: CURRICULUM

	<ul style="list-style-type: none"><li>- How to draw a line graph and a bar chart. This will include appropriate use of categoric and continuous data.</li><li>- Writing scientifically: Students will learn to write a scientific report that tests a hypothesis and uses the terms: independent, dependent and control variable.</li><li>- Multiple choice revision test (MCT).</li></ul>	<ul style="list-style-type: none"><li>- MCT – revision (cells and reproduction).</li><li>- Writing creatively: (journey of sperm) – students will write about the journey of a sperm through the female reproductive system.</li><li>- Progress test: This will test understanding of how science works skills (covering all the topic areas described in Autumn 1 and 2 – knowledge).</li></ul>	<ul style="list-style-type: none"><li>- Writing scientifically: students will write a scientific report about the reactivity of metals with hydrochloric acid.</li><li>- Atomic structure presentation. Students will research and present work about the periodic table and the structure of the atom.</li><li>- Multiple choice revision test (covering all the topic areas described in Spring 1 – knowledge above).</li></ul>	<ul style="list-style-type: none"><li>- Students will write a scientific report about circuits (both series and parallel).</li><li>- Students will build a model Power station and then present their work to their peers.</li><li>- Progress test: This will test understanding of how science works skills (covering all the topic areas described in Autumn and Spring – knowledge).</li></ul>	<ul style="list-style-type: none"><li>- Students will write a scientific report about how the rate of photosynthesis is affected by the intensity of a light.</li><li>- Students will design a food web using information cards and then present the work to their peers or the class.</li><li>- Multiple choice revision test (covering all the topic areas described in summer 1 – knowledge above).</li></ul>	<ul style="list-style-type: none"><li>- Students will write a scientific report about the cooling rate of stearic acid.</li><li>- Mars lander presentation. Students will design and test mars landers. They will present these to the class.</li><li>- Progress test (this will cover all the knowledge they have developed throughout the whole year).</li></ul>
--	--	--	---	---	--	--