

## Careers and Curriculum Links – Science

	Cycle 1	Cycle 2	Cycle 3
<b>Year 7</b>	<p>Science skills – Learning the fundamentals of working in a laboratory environment.</p> <p>STEM workshops ran by Bradford university.</p>	<p>Science week – Different science professionals to speak to students about their relative field.</p>	<p>Waves – Students learn how eyes and ears work – Optometrist and audiologist</p> <p>STEM day – Students to carry out experiment in university laboratories.</p>
<b>Year 8</b>	<p>Human body – doctors and specific organ specialists.</p>	<p>Health + disease – Careers involving medicine</p> <p>Thackray medical museum – Medicine workshop – explore the route into medicine and what it entails</p>	<p>Climate and Climate Change – who are environmental scientists and what do they do?</p> <p>Climate and Climate Change – Different solution and theories to slow/end climate change.</p>
<b>Year 9</b>	<p>Cell biology – links into scientific research careers.</p>	<p>Energy – Shell renewable energy workshop.</p> <p>Bonding, structure and properties – Provides students with an insight into an analytical chemists and material scientists.</p>	<p>Forensic day – insight into a career in forensics by examining crime scenes and testing evidence.</p>
<b>Year 10</b>	<p>Electricity – Electrician and electrical engineer</p> <p>STEM workshops focusing on different science careers</p>	<p>Big Bang Fair – participate in engineer activities and listen to different speaks from different engineering companies.</p>	<p>Electro magnetism – electrical and chemical engineers looking at car motors.</p>
<b>Year 11</b>	<p>London museum – Research and explore the different aspects of science and the different roles associated with each aspect.</p>	<p>TED x talk – listening to various science speaker from different industries, gaining an insight of how to enter the appropriate fields.</p>	

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- 1) When do you make explicit links in lessons to a particular career that the subject matter/skills are relevant to? (Gatsby Benchmark 4 – Linking curriculum learning to careers)
- 2) What opportunities have been planned/could be planned to invite employers/businesses in that would make students more aware of employment opportunities in your field? (Gatsby Benchmark 5 - Encounters with employers and employees)
- 3) Do you/could you run any expeditions that expose students to potential employment routes/employers? (Gatsby Benchmark 6 - Experiences of workplaces)