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| Subject: Science | Year Groups: 7 - 11 |
| Subject Leader: D Wharton | Grouping Policy: Mixed ability |
| Number of lessons per week: Blocks of 3 | Assessment: Teacher, Peer and self-assessment of pupil's books |
| <p>Course Content: Science is one of the core subjects taught in mainstream education. At Bradford Central PRU we recognise the importance of delivering a science curriculum which mirrors that taught in schools. Pupils are taught the subjects listed below which cover the three main areas of science: Biology, Chemistry and Physics. Within these subjects, the following activities and topics are delivered.</p> <p>Biology</p> <p>The structure of the heart How to measure pulse Practical work to investigate the effect of exercise on the heart rate How to keep the heart healthy</p> <p>Chemistry</p> <p>The importance of elements in the universe The structure of the periodic table The reactivity of group 1 elements Practical work to investigate combustion.</p> <p>Physics</p> <p>The difference between synthetic and natural materials The structure and importance of rubber Practical work to investigate the property of stretch.</p> <p>As well as teaching these topics, pupils will experience two STEM focus weeks. These are weeks when all pupils in the unit complete a rotation of activities designed to engage and inspire them in science, technology, engineering and mathematics. These activities include bridge building, exploding canisters and measuring the speed of helicopters.</p> <p>All these units are designed to be up to date with the modern curriculum in mainstream schools. The skills which pupils learn during these sessions help them move forward in science ready for return to school.</p> | |