



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>10</b>	Radioactivity	Energy	Electricity	Particle model of matter	Pressure and springs	Revision
<b>11</b>	Forces (Motion) Space	Waves	Magnetism and electromagnetism	Magnetism and electromagnetism	Revision	
<b>12</b>	Particles and radiation Electricity	Particles and radiation Electricity	Mechanics and materials Waves	Mechanics and materials Waves	Circular Motion	Revision
<b>13</b>	Further mechanics and thermal physics Fields and their consequences	Further mechanics and thermal physics Fields and their consequences	Further mechanics and thermal physics Fields and their consequences	Nuclear physics	Turning points in physics	

**Curriculum Rationale:** The Science Curriculum at Barr Beacon School is designed to provide pupils with relevant knowledge to enable them to be scientifically literate members of society. In our rapidly changing world, where new and emerging technologies present ethical challenge to our democratic society, we will empower pupils with relevant knowledge to effectively question information and make informed contributions. Even given infinite time, we could not hope to fully explain all the contributions science makes to the world around us, we have developed our curriculum to build interest and promote curiosity in the applications of science.