



"From cancer treatment to tackling climate change, gaming to robotics and artificial intelligence, physics and physicists are on the front line, helping to shape the future. At a time when jobs are changing, physics offers a vast and expanding range of career paths. And it's not only science and technology. What many people don't realise is how valued and respected physics skills and ways of thinking are in other, often well-paid, industries – like finance and law. Physicists work in lots of sectors of the economy and their skills are often transferable across them.

positions and professor. You could also become a consultant or special adviser or work in science communication."

The infographic illustrates the science curriculum for Years 7, 8, 9, and 10, organized by season and subject. The curriculum is presented in a circular, multi-layered format with seasonal themes (Autumn, Spring, Summer) and subject-specific topics (Physics, Chemistry, Biology). The infographic includes various illustrations related to science, such as a rocket, a microscope, a globe, and a DNA helix. At the bottom, there is a circular logo with the school's name and a list of values: Perseverance, Family, Kindness, Respect, Positivity, and Leadership.

Year 11 Curriculum:

- AUTUMN:** Electricity and Magnetism, Waves and Radioactivity, Global Challenges
- SPRING:** Forces, Motion, Matter
- SUMMER:** Energy

Year 10 Curriculum:

- AUTUMN:** Biology - Keeping Healthy and Cell Level Systems, Biology - Cell Level Systems continued, Biology - Cell Level Systems continued and Scaling Up
- SPRING:** Chemistry - Atomic Structure and Separation Techniques, Physics - Sound Waves, Chemistry - Separation Techniques and Bonding, Physics - Light Waves, Chemistry - Bonding and Structure and Materials and their properties
- SUMMER:** Physics - Wave Interactions and Energy Project

Year 9 Curriculum:

- AUTUMN:** Chemistry - Rocks, Physics - The Universe, Chemistry - Types of Reactions, Physics - Magnets
- SPRING:** Biology - Bones and Muscles, Biology - Plants and Ecosystems, Biology - Variation
- SUMMER:** Chemistry - Chemical Reactions

Year 8 Curriculum:

- AUTUMN:** Biology - Cells and Reproduction, Physics - Forces, Biology - Food & Digestion, Chemistry - Particle Model, Biology - Microbes
- SPRING:** Chemistry - Acids & Bases, Physics - Electricity, Chemistry - Mixtures & Separation
- SUMMER:** Physics - Space and Global Warming

Year 7 Curriculum:

- AUTUMN:** Biology - Cells and Reproduction, Physics - Forces, Biology - Food & Digestion, Chemistry - Particle Model, Biology - Microbes
- SPRING:** Chemistry - Acids & Bases, Physics - Electricity, Chemistry - Mixtures & Separation
- SUMMER:** Physics - Space and Global Warming

At the end of Y9, students opt for either Triple or Combined Science

Values: Perseverance, Family, Kindness, Respect, Positivity, Leadership

