Our vision is for everyone to have a love of life, a love of learning and a love of people.

At Ashurst Wood Primary our curriculum is designed to facilitate the school vision.

**Love of people**

Our curriculum is designed to recognise and celebrate differences. It is a curriculum that promotes the development of empathy, self-esteem, and self-worth. Our curriculum promotes collaboration, respect, acceptance, and the building of meaningful relationships.

**Love of life**

At Ashurst Wood, we aim to give all children a strong understanding of the world around them whilst acquiring specific skills and knowledge to help them to think scientifically, to gain an understanding of scientific processes and also an understanding of the uses and implications of Science, today and for the future. Through science we aim to develop curious minds, an understanding of scientific vocabulary and aspiration to scientific careers.

**Love of people**

Science has changed our lives and is vital to the world’s future prosperity, environmental stability and equality. Through science we aim to develop respect for the environment and empathy for others as well as an appreciation for human endeavour through the study of famous scientists. We will ensure all children receive a broad and balanced scientific curriculum.

**Love of learning**

Our curriculum is designed to:

* Recognise children’s prior learning and to extend their knowledge and skills through a coherently planned, carefully sequenced and ambitious curriculum.

· Give every child the knowledge they need both in every lesson and over time to equip them for the next stage of learning and beyond.

· Provide first-hand learning experiences which allow the children to develop interpersonal skills, build resilience and become creative, critical thinkers.

· Provide challenge and enable every child to achieve their potential and enjoy the journey they take to get there.

**Science Curriculum Intent**

**Love of learning**

Through science we aim to develop a love of nature and outdoor learning. All children are encouraged to develop and use a range of skills including observations, planning and investigations, as well as being encouraged to question the world around them and become independent learners. Specialist vocabulary for topics is taught and built up, and effective questioning to communicate ideas is encouraged. Concepts taught should be reinforced by focusing on the key features of scientific enquiry, so that pupils learn to use a variety of approaches to answer relevant scientific questions. At Ashusrt Wood, we are aware that children bring to school different experiences, interests and strengths that will influence the way in which they learn science. Our inclusive approach and differentiation allows all children to learn regardless of race, gender, race or disability, selecting resources positively to reflect all of the above.

**Love of life**

Our curriculum is designed to encourage children to embrace new opportunities. It is a curriculum that provides a wide range of experiences that promote curiosity and the ability to question.