



Science Newsletter



Wood End Park Academy



Science Intent

At Wood End Park Academy We use science to develop pupil's vocabulary through our science vocabulary progression guide. Children will also develop an awareness and understanding of how the world works around us. In science, we are able to address our learners' curiosity because we answer their questions about scientific processes and concepts. Through science, we embed a deep understanding of its impact on our lives in the past, present and future. We will develop skills of debating as pupils have opportunities to discuss and value different viewpoints. Resilience is built through the offer of investigative and reflective work. We also use science to allow children to apply their learning through other subjects such as by using mathematical skills to record and present data. Depth of knowledge is instilled through the trips and visitors we provide children with. Last but not least, the value of the subject is clear through our named houses in our house point system which are named after significant scientists and are updated regularly to reflect different fields of science and culture. We understand that science helps children raise their aspirations and can inspire the choices they make in their life choices.

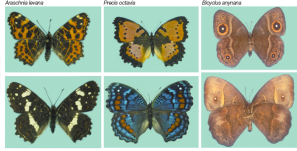
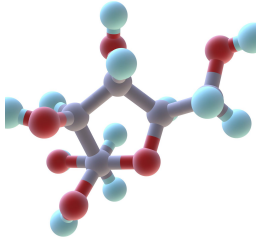


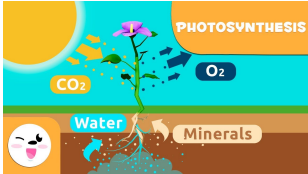
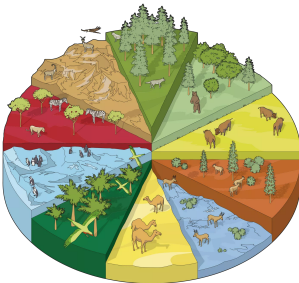

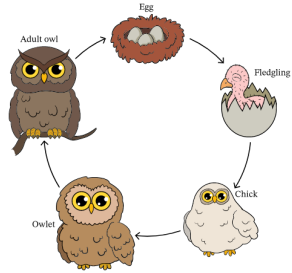
Welcome to Science Club!

Science club is a brand new club for pupils in KS1 at WEPA. We take our learning even further by focusing on a new practical investigation each week, combined with different science skills such as predicting and observing. The club runs every Saturday. If you would like to join please speak to Mrs Haban.

Have a look at some of the amazing projects completed by our pupils!



These are the key concepts we teach in Science. How many can your child remember?

Variation	Structure	Classification	Formation
 <p>Things that change or have differences. e.g. animals, materials, sound</p>	 <p>How something is made up.e.g. plants</p>	 <p>Putting things into groups based on what is similar or different. e.g. animals, materials, food.</p>	 <p>How something is formed or made</p>
Function	Habitats	Survival	Life cycles
 <p>How something works</p>	 <p>The animals and plants live.</p>	 <p>What you need to live</p>	 <p>Changes in the life of animals and plants (metamorphosis).</p>

What's coming up next term?

EYFS- science is included within the Understanding the World area of learning. Pupils will be looking at **life cycles**- Activities such as these will help your child to develop important skills such as observation, prediction and critical thinking.

Year 1- **Plants** (basic structure)

Year 2- **Plants** (what plants need to grow)

Year 3- **Animals including Humans** (nutrition, skeleton and muscles)

Year 4-**Sound** (vibration, pitch and volume)

Year 5- **Animals including Humans** (human development from birth to old age)

Year 6- **Living things and their habitat** (classification, characteristics of plant and animal groups)