What Science looks like at our school?	This is our philosophy:	This is what we plan to do:
• *To promote the love of learning and enjoyable opportunities to explore and learn.* • *To provide opportunities which inspires children's curiosity about the world around them and develop their understanding.* • *To follow the recommended year group national science curriculum.* • *A well-planned progression of skills to enable children to work on and develop new skills each year* • *Development of scientific knowledge and understanding of high quality science education through biology, chemistry and physics.* • *Develop a solid understanding by building upon previous opportunities, based on knowledge that 'if I know this, then I know …'*	• *To provide children with opportunities which are fun and enjoyable to learn from.* • *To provide children with experiences to help them develop essential aspects of knowledge, methods, processes and uses of science.* • *To promote development of natural curiosity, enjoyment and discovery of the world around them.*	• *Lessons may be taught discretely, linking and embracing other areas of the curriculum to provide a more meaningful learning experience (eg. instructional text), where possible.* • *Lessons should be taught weekly to ensure recall of knowledge and skills.* • *Develop scientific knowledge and understanding of nature, processes and methods of science.* • *Children will undertake practical experiments for investigated questions posed.* • *Build skills around scientific enquiry and learning about life processes, living things, materials and their properties and physical processes.* • *EYFS and Y1 will use questioning, observations, photographs and writing to show what they have learnt and will be displayed in a class floor book.* • *Y2/Y3 and Y4* - write part of each experiment eg:- question/method/prediction and rotate with results/ data handling graphs/conclusions. • *Y5 and Y6* – to write up full experiments in full (at least x3 year academic year). Also evidence can be shown as part written

		experiments or photographs etc
This is what you might see:	This is how we know our children are doing well:	This is the impact of our curriculum:
● *Happy and engaged learners* ● *Investigative learnt lessons.* ● *Children exploring and questioning the world around themselves.* ● *Individual, paired, group or whole class work.* ● *High quality modelling of vocabulary and skills*	● *Marking and feedback* ● *Photograph and video evidence* ● *Displays of work* ● *Termly assessment and data* ● *Book trawling and lesson observations.*	● *Children who enjoy learning about science.* ● *Confident learners who can discuss science enquiry.* ● *Independent learners who are able to take risks whilst showing resilient learning from it.* ● *Children who are able to demonstrate a range of scientific enquiry skills*