Subject Leader Curriculum Overview – Science

INTENT

Stenson Fields Primary: CARES Curriculum				
Caring	**Achieving**	**Respecting**	**Enjoying**	**Supporting**
An **inclusive** curriculum, for all children. They grow into **compassionate** young people who care about their world.	A **challenging** and **exciting** curriculum, where essential **knowledge** and **skills** are combined in a purposeful way. All children achieve and gain a firm basis for further education in Science.	A **cohesive** Science curriculum, which aims to make use of our school and local **community**. We develop **responsible** citizens of the future.	An **engaging** and **creative** curriculum, where children are encouraged ask questions. We plan **fun**, **memorable** experiences and provide opportunities for children to explore the world around them.	A **collaborative** curriculum, of which we have shared **ownership**. Our Science curriculum is carefully and regularly reviewed, monitored and evaluated.

IMPLEMENTATION

The Science Curriculum			
Knowledge	**Skills**	**Linked Learning**	**'CARES' Approach**
The Science Long Term Plan for each year group is followed to ensure the progression of knowledge across the school. All teachers use the National Curriculum objectives to determine what they will teach. Key vocabulary (Tier 2) is carefully planned and taught for each unit. This vocabulary is recorded by the children on the title page at the start of each new unit of work. Science is timetabled regularly throughout the school and the children enjoy a weekly Science lesson.	The Scientific enquiry skills have been carefully mapped out across all year groups. This ensures that there is coverage of all skills, and that teachers plan the teaching of these skills carefully into their topics. There is also a clear progression of the skills across the key stages, with each year group building on the one before. Progression documents are available for all teachers to see what learning has already taken place. All staff use the Stenson Scientific Enquiry slides when teaching the enquiry skills.	When appropriate, teachers make Scientific links across the curriculum which ensures the learning is meaningful and memorable for the children. This may also include linking class texts and relevant units in English and Maths.	Teachers plan for a range of visitors into school to enrich our Science teaching. Visitors include a veterinary nurse, school nurse and zoologists. In March, our children enjoy Science week which gives them plenty of opportunities to develop their scientific enquiry skills and apply these to real-life problems. Children also learn about those individuals who have made a significant contribution to Science- for example: Mary Anning and Isaac Newton. Opportunities for learning outdoors are regularly planned, e.g. using the school garden when learning about plants or visiting the school pond.

IMPACT

Assessment, Monitoring and Review		
End of term/year assessment data shows high standards and good progress across the school.	Pupil interviews, learning walks and book scrutinies show high standards and good progress across the school.	Termly CARES Curriculum review (whole staff) to evaluate success/impact of the Intent, including knowledge, skills and enrichment opportunities.