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| Rivington Primary School – Science Curriculum | | | |
| C | A | R | E |
| Communication | Aspiration | Reflection | Enriching Experiences |
| * Learn specific vocabulary and scientific terms and be able to use these accurately. * Discuss scientists and their impact in their field of work in an age appropriate way. * Be able to express different ideas and viewpoints effectively. * Collaborate with others on scientific investigations. * Learn the different ways to communicate scientific findings and choose the most appropriate way to present them. * Construct informed questions and hypotheses. | * Become familiar with aspirational figures from scientific fields. * Study the reasons for successes and achievements of scientists and see which of these could relate to their own lives. * Consider how some people have had a lasting impact on the world and the legacy some individuals or groups of people have left behind due to their scientific work and discoveries and how this may relate to themselves. | * Consider differences of opinions and the reasons for them. * Gain an understanding of how some ideas need to be challenged through studying scientific ideas and theories. * Reflect on what can be learned from the successes and mistakes in scientific investigations. * Reflect on sources of evidence, their accuracy and how they can be misinterpreted. | * Children to use the outdoor learning environment where appropriate and when relevant to their topics. * Children to use and handle scientific objects when possible. * Practical investigations to be carried out when relevant to the topic of study. * Visitors to be encouraged to talk about areas of expertise. * Visits to places of interest connected with areas of study. |