



CARINE
PRIMARY SCHOOL
OUR BEST ALWAYS

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SCIENCE POLICY

Rationale:

The aim of the science curriculum is to provide students with a solid foundation in Science Understanding, Inquiry Skills and Knowledge of how discoveries have significantly changed people's understanding of the world. In particular, the science curriculum should foster an interest in science and a curiosity and willingness to speculate about and explore the world. Students should be able to engage in communication of and about science, value evidence and scepticism, and question scientific claims made by others. They should be able to identify and investigate scientific questions, draw evidence-based conclusions and make informed decisions about their own health and wellbeing which students should learn to appreciate and apply to daily life.

Purpose:

1. To understand that the science learning area is comprised of: Physical Sciences, Earth and Space Sciences, Biological Sciences and Chemical Sciences.
2. To provide a positive learning environment.
3. To provide opportunities for development of skills.
4. To provide opportunities to extend scientific knowledge through practical and meaningful experiences.
5. To provide resources to enable the development of scientific processes.
6. To provide opportunities through student engagement and science inquiry to pose questions and design and carry out investigations that incorporate fair testing.

Guidelines:

1. School planning to encompass the key Principles of assessment, teaching and learning as stated in the Australian Curriculum.
2. Developmental strategies to be based on curriculum developments.
3. Content area development to be supported by the Australian Curriculum, Primary Connections and other teacher resources.
4. Explore links through other learning areas and environmental ecological sustainability within the school community.
5. Common assessment tasks and teacher professional judgements are to provide evidence of developmental learning and formal reporting requirements.

Conclusion:

Students will be given opportunities and encouragement to develop scientific skills, understandings and concepts and the ability to pose and investigate questions that are an important part of the science inquiry process. Where possible activities will encourage open ended learning through questioning and investigation. Students should be aware of their developmental ability through goal setting and reflection of structured progress (transparent assessment).