Pre-primary year SyllabusTest

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Year Level Description

The Science content includes the three strands of *Science Understanding, Science Inquiry Skills* and *Science as a Human Endeavour*. The three strands of the curriculum are interrelated and their content is taught in an integrated way. The order and detail in which the content descriptions are organised into teaching and learning programs are decisions to be made by the teacher.

Incorporating the key ideas of science

From Pre-primary to Year 2, students learn that observations can be organised to reveal patterns, and that these patterns can be used to make predictions about phenomena.

In Pre-primary, students observe and describe the behaviours and properties of everyday

objects, materials and living things. They explore change in the world around them, including changes that impact on them, such as the weather, and changes they can effect, such as making things move or change shape. They learn that seeking answers to questions they pose and making observations is a core part of science and use their senses to gather different types of information.

Science Understanding

BIOLOGICAL SCIENCES

Living things have basic needs, including food and water (ACSSU002)

CHEMICAL SCIENCES

Objects are made of materials that have observable properties (ACSSU003)

EARTH AND SPACE SCIENCES

Daily and seasonal changes in our environment affect everyday life (ACSSU004)

PHYSICAL SCIENCES

The way objects move

Science as a Human Endeavour

NATURE AND DEVELOPMENT OF SCIENCE

Science involves observing, asking questions about, and describing changes in, objects and events (ACSHE013)

Science Inquiry Skills

QUESTIONING AND PREDICTING

Pose and respond to questions about familiar objects and events (ACSIS014)

Literacy

Critical and creative thinking

Personal and social capability

PLANNING AND CONDUCTING

Participate in guided investigations and make observations using the senses (ACSIS011)

PROCESSING AND ANALYSING DATA AND INFORMATION

depends on a variety of factors, including their size and shape (ACSSU005)

Numeracy

Engage in discussions about observations and represent ideas (ACSIS233)

Literacy

Critical and creative thinking

COMMUNICATING

Share observations and ideas (ACSIS012)

Pre-primary Achievement Standard

Science Understanding

At Standard, students describe the properties and behaviour of familiar objects. They suggest how the environment affects them and other living things.

Science as a Human Endeavour

Students share and reflect on observations.

Science Inquiry Skills

Students ask and respond to questions about familiar objects and events.

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