

O'BRIEN GROUP ARENA SCIENCE CURRICULUM

Victorian Curriculum Levels Addressed: Levels 1, 2

At level 1, students are working towards level 2 standards

At level 2, students are working towards level 3 standards

Habitat

Given a brief description of Yeti's environmental needs, students are asked to draw an appropriate environment which would meet these needs.

Students should consider natural constructs which could house Yeti at night (e.g. caves, underground burrow), what the sky might look like when it's cold.

Discussions may open up about possible countries Yeti might live in, and what might change in the environment as seasons change.

Domain	Content Strand	Proficiency Strand	Key Elements of Standards
Science	Science Understanding: Biological Sciences	Literacy Creative and Critical Thinking	Level 1: Living things live in different places where their needs are met Level 2: Living things grow, change and live in different places where their needs are met
	Science as a human endeavour: Nature and development of science Use and influence of science		Level 1/2: Science is used in everyday lives, including caring for the environment and living things and involves describing changes in objects and events.
	Science Understanding: Earth and space sciences		Level 1/2: Changes in to the sky and landscape as seasons and weather changes.

Uses for Water

Students are required to explore the uses for water around the home and at the O'Brien Group Arena. They should realise that water is used as a frozen and liquid material, as well as for uses such as cooking. Students can either draw an example of each use or write in the box.

O'Brien Group Arena portion of this exercise should be completed after a visit to O'Brien Group Arena, or after discussion of all the facilities we have (kitchen, gym, change rooms, ice rinks, café, bathrooms, Ice Cat).

Home uses may include (though are not restricted to):

Drinking, cooking, washing, laundry, ice cubes, gardening, fish tank, pet water bowls

O'Brien Group Arena uses may include (though are not restricted to):

Ice on the rink, bathrooms, drinking, bottled water, making hot beverages, resurfacing the ice, washing dishes

Domain	Content Strand	Proficiency Strand	Key Elements of Standards
Science	Science Understanding: Earth and space Sciences	Literacy Creative and Critical Thinking	Level 1/2: Earth's resources, including water, are used in a variety of ways

