

Abiotic Factors Affecting Survival

Abiotic factors are the non-living factors in an ecosystem that affect the survival of organisms in that ecosystem. They include:

- water availability
- sunlight
- temperature range
- substrate - rock type or sand
- geographical terrain
- oxygen availability
- exposure





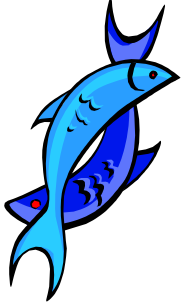

MATERIALS:

- Notes on Abiotic Factors from TOPS
- Template for Abiotic Factors cube
- Template for Animals cube

ACTIVITY:

- First roll the Animal cube to select an animal
- Then roll the Abiotic Factors cube to select a factor
- List the ways in which the animal would be affected by the selected abiotic factor

<p>Sunlight: How does the amount of food produced in an ecosystem depend on the intensity and amount of sunlight?</p>	<p>Temperature: How does temperature affect the plants and animals that can survive in a rockyshore ecosystem like those at Barwon Bluff Marine Sanctuary?</p>	<p>Geographical terrain: How does the geographical terrain affect what plants and animals will live in an ecosystem?</p>
<p>TAB</p>	<p>Exposure: How do winds and waves affect the plants and animals that can live in a rockyshore ecosystem like those at Barwon Bluff Marine Sanctuary?</p>	<p>TAB</p>
<p>TAB</p>	<p>Sub-stratum or soil: What aspects of sea floor can affect the plants and then animals that can live in a rockyshore ecosystem?</p>	<p>TAB</p>
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<p>TAB</p>	<p>Water: How does the tide affect the types of plants and animals that grow in a rockyshore ecosystem like those at Barwon Bluff Marine Sanctuary ?</p>	<p>TAB</p>

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