Biotic Factors Affecting Survival

Biotic factors are the other living things in an ecosystem that affect the survival of an organism in that ecosystem. They include:

- competition for food and water
- competition for shelter
- availability of food - plants and animals
- number of predators
- co-operation to help find food

MATERIALS:

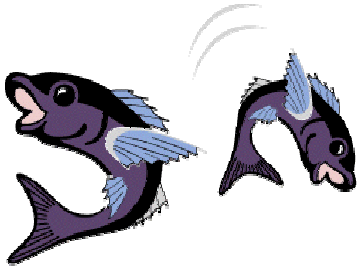
- Notes on Biotic Factors from TOPS
- Template for Biotic Factors cube
- Template for Animals cube

ACTIVITY:

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

TAB

TAB



TAB

TAB

TAB

TAB

TAB

PREDATOR:

How would a new predator affect your chosen organism?

TAB

TAB

INCREASE:

How would an increase in your species affect the ecosystem?

COMPETITION:

What other species do you compete with for food?

DECREASE

How would a decrease in your species affect the ecosystem?

TAB

PREY:

How would an increase in the number of prey the ecosystem can support affect the numbers of your species?

TAB

TAB

CO-OPERATION:

What other species do you co-operate with to help find food?

TAB

TAB