

GRADE 6

5a

## Ecology (Life Science)

Organisms in ecosystems exchange energy and nutrients among themselves and with the environment. As a basis for understanding this concept:

Students know energy entering ecosystems as sunlight is transferred by producers into chemical energy through photosynthesis, and then from organism to organism in food webs.

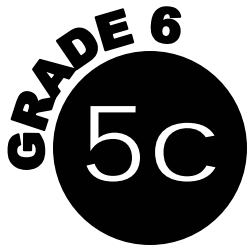
GRADE 6

5b

## Ecology (Life Science)

Organisms in ecosystems exchange energy and nutrients among themselves and with the environment. As a basis for understanding this concept:

Students know over time, matter is transferred from one organism to others in the food web, and between organisms and the physical environment.



## Ecology (Life Science)

Organisms in ecosystems exchange energy and nutrients among themselves and with the environment. As a basis for understanding this concept:

Students know populations of organisms can be categorized by the functions they serve in an ecosystem.

GRADE 6

5d

## Ecology (Life Science)

Organisms in ecosystems exchange energy and nutrients among themselves and with the environment. As a basis for understanding this concept:

Students know different kinds of organisms may play similar ecological roles in similar biomes



## Ecology (Life Science)

Organisms in ecosystems exchange energy and nutrients among themselves and with the environment. As a basis for understanding this concept:

Students know the number and types of organisms an ecosystem can support depends on the resources available and abiotic factors, such as quantity of light and water, range of temperatures, and soil composition.