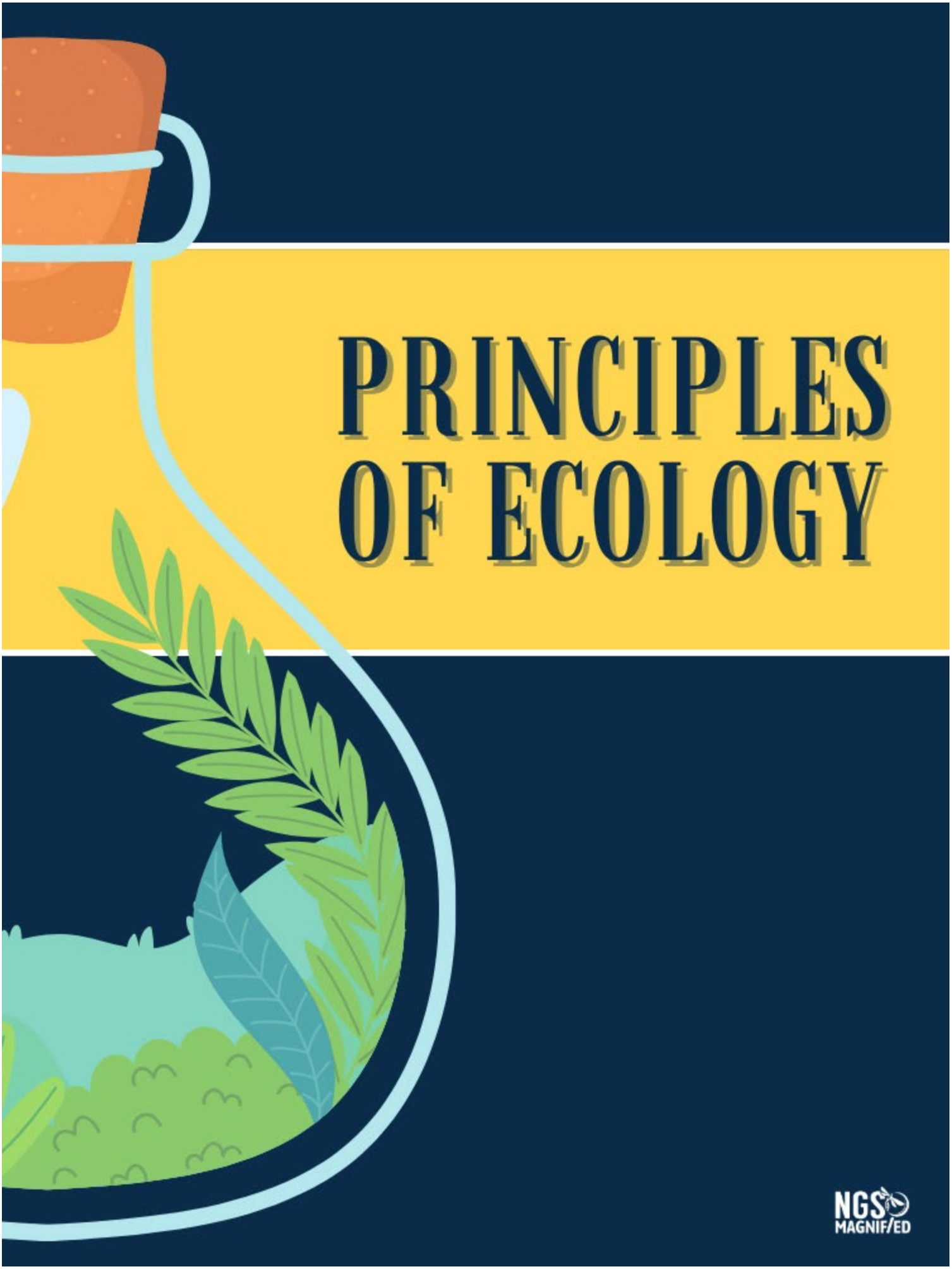

PRINCIPLES
OF ECOLOGY
NGS
MAGNIFIED

Question: What is the main energy source for almost all ecosystems on Earth?

NUTRITION AND ENERGY

Ecology – study of the interactions among organisms and between organisms and their environment

Ecologists study the flow of energy through communities to discover nutritional relationships between organisms.

SUNLIGHT is the main energy source for life on Earth.

Autotrophs – organisms that use sunlight or energy stored in chemical compounds to make food; because they make their own food, they are producers

↙

Photosynthesis

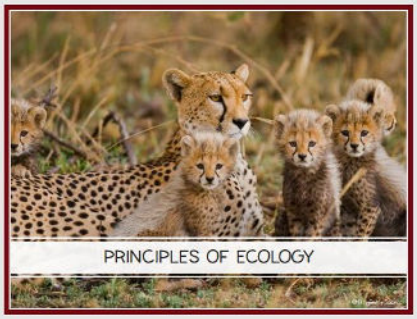
process used by autotrophs to make food energy from sun, plants, algae, cyanobacteria

Heterotrophs – organisms that rely on and food supply; also called c

Heterotroph	Description
Herbivore	eats only plants
Carnivore	eat only animals
Omnivore	eat both plant and ani
Detritivore	eat plant and animal remains

Decomposers –break down organic mat

EDITABLE student notebook pages - digital links included for students to complete guided notes on Google Drive



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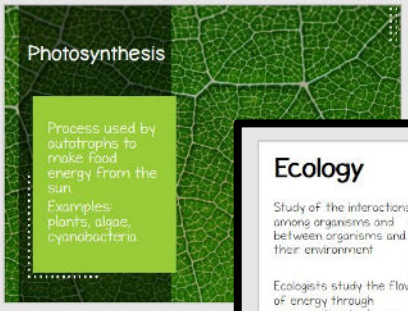

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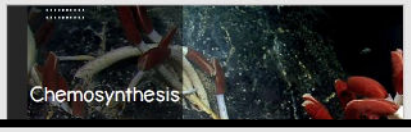

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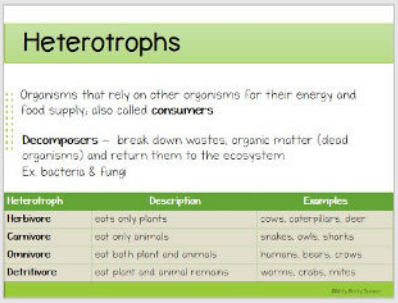

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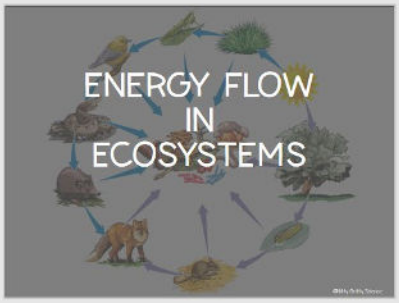

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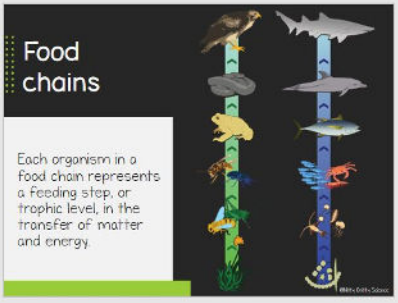

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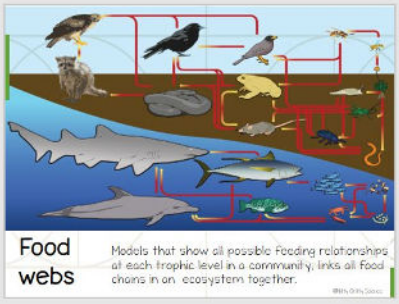

12

EDITABLE PowerPoint presentations include high-resolution graphics and feature all topics and vocabulary covered in the notes

EDITABLE Chapter test includes multiple choice, fill in the blank, interpreting diagrams, & short Answers questions

Answer key included – Images are blurred for copyright reasons

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