**Cactus**
A plant that can store water and reproduces through seeds.

**Mule**
A hybrid offspring of a male donkey and a female horse that is typically unable to reproduce.

**Diatom**
A single-celled photosynthetic organism found in aquatic environments.

**Snowflake**
An ice crystal formed in the clouds that grows into an ordered pattern as water vapor freezes on the crystal.

**Human sperm**
Reproductive cell formed in the testes with half the DNA of a body cell.

**Snake**
A reptile without limbs that typically reproduces sexually and sheds its skin as it grows.
**Steak**
A piece of muscle tissue made up of cells obtained from an animal, typically a cow.

**Fire**
A heat- and light-producing chemical reaction that uses oxygen and organic fuel.

**Moss**
A small plant that reproduces by spores (i.e., reproductive cells adapted for dispersal and long-term survival).

**Car**
A vehicle that uses fuel for energy.

**Spam**
A processed meat (originally from a pig) stored in a can.

**Tornado**
A fast-spinning column of air that touches the ground and is able to move and grow.
Red blood cell
A blood cell that lacks a nucleus and DNA, and is responsible for transporting oxygen in the body.

Monzygotic twins
Individuals who have the same DNA and developed from a single fertilized egg that split, forming two embryos.

Chicken
A domesticated bird that reproduces sexually and eats seeds, insects, and plants.

Houseplant
Indoor plant that can reproduce from seeds or by growing a new plant from a piece of the original.

Bacteria
Single-celled organisms that reproduce asexually but may exchange genetic information with one another.

Volcano
An opening in the Earth's crust through which lava, small rocks, hot gases, and other materials erupt.
Unfertilized chicken egg
An egg laid by a chicken that lacks a fertilized embryo and will not develop into a chicken.

Jumping spider
A small spider that reproduces sexually and obtains energy by preying on insects.

Computer virus
A malicious software program that can replicate itself within a computer system.

Sun
A star that releases energy through the process of nuclear fusion and sustains life on Earth.

Butterfly chrysalis
A protective covering inside of which a caterpillar transforms into a butterfly.

Crystal
A solid material with atoms forming an ordered pattern that can grow if more atoms join.
Disturbances on the ocean's surface that use energy.

Ocean waves

A domesticated mammal that reproduces sexually.

Cat

A fish that can grow continuously throughout its life and feeds on other aquatic organisms.

Shark

A single-celled organism capable of coming together with other cells of the same kind to form multicellular structures.

Slime mold

Cave mineral formations that grow from dripping (“stalactites”) or accumulating (“stalagmites”) water.

Stalactites and stalagmites

Cancer cell

A cell with DNA mutations that cause it to divide uncontrollably.
**Bread yeast**
A single-celled fungus that reproduces asexually and obtains energy through fermentation.

**Protein**
A biomolecule composed of amino acids involved in many different processes in cells.

**Nuclear power plant**
A human-built facility that produces energy in the form of electricity using controlled nuclear reactions.

**Plasmodium falciparum**
A single-celled organism that causes malaria and is spread by mosquitoes.

**Grapevine producing seedless grapes**
A domesticated plant that must be propagated by cuttings or grafting parts from other plants.

**Kangaroo**
A mammal that carries its underdeveloped young in a pouch.
Female bees that do not reproduce.

Worker bees

A type of salmon that migrates between freshwater and the ocean and dies shortly after releasing eggs or sperm.

A large rotating storm with high-energy winds and heavy rain that can grow in size.

Processed fish packed in a can.

DNA

A biomolecule that carries genetic instructions for the development and functioning of cells.

Lightning

A discharge of energy in the form of electricity in the Earth's atmosphere.

Sockeye salmon

Can of sardines

A discharge of energy in the form of electricity in the Earth's atmosphere.

A large rotating storm with high-energy winds and heavy rain that can grow in size.

Processed fish packed in a can.

CC BY 3.0

CC BY 2.0

CC BY 3.0

CC BY 2.0