



Level 1

Science

2nd Edition

Help Pages

Help Pages

Glossary

A

amphibian — an animal group that lives part of its life in the water and part on land; most have smooth, wet skin

B

bird — an animal group that has feathers and wings

C

cirrus cloud — a cloud that looks like a wisp of hair

cumulus cloud — a cloud that is puffy and white

D

desert — a place with very little water; made mostly of sand and rocks; some animals make their home here

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Glossary

drought — can happen when it has not rained for a long time; ground gets very dry and hard

F

fish — an animal group that lives in the water; breathes with gills; covered with scales

float — to stay on top of a liquid

flood — can happen when rivers and lakes get too full; the water spills over onto the land

forest — a place that has lots of trees and bushes; some animals make their home here

G

gas — a kind of matter that you can't usually see; it fills the shape of its container

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Glossary

H

hand lens — a tool to make things look larger

heat — a kind of energy that makes things hot

L

leaves — the part of the plant where food is made

life cycle — all of the parts of an animal's life

light — a kind of energy you can see

liquid — a kind of matter that takes the shape of its container

living things — things that need water, food, and air; they grow and change

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Glossary

M

mammal — an animal group with hair or fur; most mammals are born alive and the mothers make milk for their babies

matter — anything that takes up space

moon — an object in the nighttime sky; a large ball of rock; its light comes from the sun

N

nonliving — things that do not need water, food, or air

nutrients — food; minerals that plants need to grow

O

ocean — a large body of salt water; many animals make their home here

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R

reptile — an animal group that has skin with dry scales; most have four legs

roots — the part of the plant that grows underground; take in water and nutrients from the soil

rotate — to spin like a top

ruler — a tool that measures how long or tall an object is

S

scale — a tool to measure the weight of an object

season — a time of year; winter, spring, summer, and fall

senses — how we observe and learn about the world; sight, hearing, smell, taste, and touch

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Glossary

shelter — a safe place for an animal to live

sink — to drop to the bottom

solid — a kind of matter that keeps its shape

sound — a kind of energy you can hear

star — an object in the sky that gives off its own light; the sun is a star

stem — the part of the plant that holds the plant up; carries water and nutrients to the leaves

stratus cloud — a cloud that looks like layers of blankets

T

tadpole — a newborn frog

thermometer — a tool that measures how hot or cold the air is

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Glossary

V

vibrate — to move back and forth quickly

W

weather — what the outside air is like

weather vane — a tool to measure which way the wind is blowing

wind — moving air

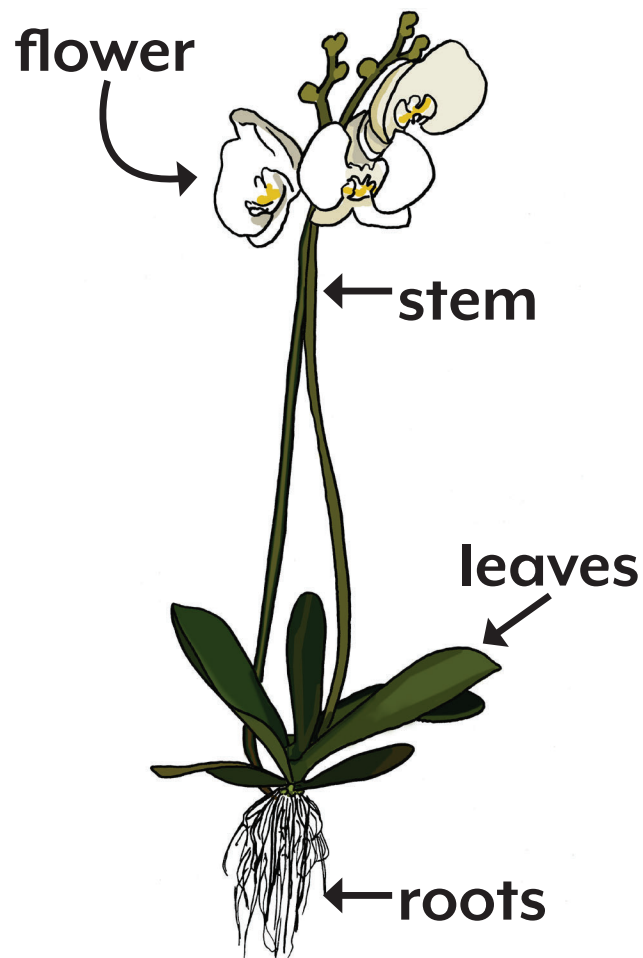
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Living Things

Needs of Animals
food
water
air
shelter

Needs of Plants
nutrients (food)
water
air
light

Parts of a Plant






Help Pages Animal Groups

Group	Description	Examples
Amphibian	Amphibians spend part of their life in the water and the other part on land. Amphibians have moist skin.	frog, toad, salamander
Bird	Birds have feathers, wings, and two legs. They lay eggs with hard shells. Birds breathe with lungs.	cardinal, robin, bluebird
Fish	Fish spend their whole lives in the water. Most fish are covered with scales. Most lay eggs and breathe with gills.	trout, salmon, catfish
Mammal	Mammals have hair or fur. They use lungs to breathe. Most mammals grow inside their mothers and are born alive. Mothers feed their young with milk.	human, whale, bat
Reptile	Reptiles have dry, scaly skin and lay eggs on land. They breathe with their lungs. Most hatch from eggs.	snake, alligator, iguana

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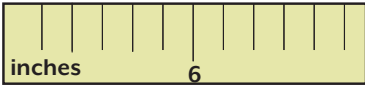

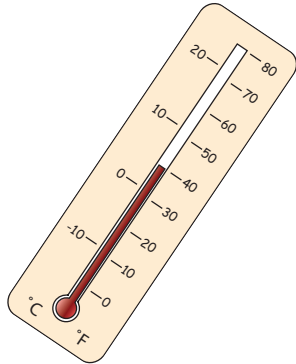
Cloud Types

<p>Cirrus clouds are the highest clouds in the sky. They look like wisps of hair.</p>	
<p>Stratus clouds are the lowest clouds in the sky. They look like layers of blankets.</p>	
<p>Cumulus clouds look puffy. They can bring strong storms.</p>	

Matter

	Description	Examples
solid	a form of matter that has its own shape and takes up a definite amount of space	your desk, a book, an apple
liquid	a form of matter that takes the shape of its container	water, milk, juice
gas	a form of matter that does not have its own shape; it fills the shape of its container	oxygen

Help Pages Science Tools

Tool	Definition	Picture
hand lens	a tool to make things look larger	
ruler	a tool that measures how long or tall an object is	
scale	a tool to measure the weight of an object	
thermometer	a tool that measures how hot or cold the air is	
weather vane	a tool to tell which direction the wind is blowing	