

Sets of Conditional Cards

These sets of Conditional Cards are organized into age-appropriate sets for lower elementary, upper elementary, and middle school students. If you are a teacher of older students, you may decide to start off with lower-level sets to help familiarize students with the game before moving to more challenging items. Each set consists of a declarative statement and its conditional translation, which can be copied and cut apart for student use. The order in which the cards appear here is the correct order of the cards. As mentioned previously, some statements make sense in more than one conditional arrangement. These are marked with an asterisk (we suggest cutting off or otherwise removing the asterisks before presenting students with the statements and card sets).

Lower Elementary

Dogs shed all over the house.

if	you have a dog	then	there is hair all over your house
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Marker stains don't come out of your clothes.

if	you wrote on your clothes	with marker	then	the stains will not come out
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Cats are quiet pets.

if	you have a cat	then	you have a quiet pet
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Carrots are great snacks.

if	you have a carrot	then	you have a great snack
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Dogs can hear very high-pitched sounds that we can't hear.

if	you have a dog	then	your pet can hear better than you
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Reading Dr. Seuss is fun.

if	you read Dr. Seuss	then	you have fun
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She always asks to have food she likes for dinner. *

if	she likes Brussels sprouts	then	she asks for them for dinner
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Poison ivy makes your skin itchy and red.

if	it is poison ivy	then	it makes your skin itchy and red
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Too much ice cream makes you sick.

if	you ate too much ice cream	then	you are sick
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One of Harry's jobs is to answer the phone.

if	the phone is ringing	then	Harry should answer it
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Fish need to stay in water to survive.

if	it is a fish	then	it needs water to survive
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Ants and bees live in big groups.

if	an insect	is	an ant or a bee	then	it	lives in big groups
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Birds have bones that are very light.

if	an animal	is	a bird	then	it	has very light bones
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Benjamin Franklin was never president.

if	a person	is Benjamin Franklin	then	he	was never president
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Pandas do not hibernate, even though they are bears.

if	a bear	is a panda	then	it	does not hibernate
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Snakes swallow their prey whole.

if	a snake	is swallowing	prey	then	it	is whole
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Lobsters have ten legs.

if	an animal	is a lobster	then	it	has ten legs
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The book *Bud, Not Buddy* was written by Christopher Paul Curtis.

if	a book	is	<i>Bud, Not Buddy</i>	then	it	was written by Christopher Paul Curtis
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Leopards hunt their food at night.

if	an animal	is	a leopard	then	it	hunts at night
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Fish can breathe underwater.

if	an animal	is a fish	then	it	can breathe underwater
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Giraffes have four stomachs to help with digesting food.

if	an animal	is a giraffe	then	it	has four stomachs
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Whooping cranes are an endangered species.

if	an animal	is a whooping crane	then	it	is endangered
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Condors have very large wingspans.

if	an animal	is	a condor	then	it	has a very large wingspan
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Prairie dogs live in underground burrows.

if	an animal	is	a prairie dog	then	it	lives in an underground burrow
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Dogs pant when they are tired or hot. *

if	a dog is	panting	then	it is	tired or hot
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Owls are birds that come out at night.

if	a bird	is	an owl	then	it	comes out at night
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A raisin is a dried grape. *

if	a fruit	is	a dried grape	then	it	is a raisin
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I do not go to see scary movies.

if	a movie	is	scary	then	I don't go see it
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Fruits and vegetables are always part of a healthy diet.

if	you eat a healthy diet	then	you eat fruits and vegetables
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Washing your hands gets germs off them.

if	you just washed your hands	then	you don't have germs on your hands
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Upper Elementary

Humans first flew using hot air balloons.

if	a human	was the first to fly	then	he or she	used	a hot air balloon
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The Eiffel Tower is in Paris, France.

if	you are at	the Eiffel Tower	then	you are in	Paris, France
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Plants need light and water to grow.

if	a living thing	is a plant	then	it	needs	light and water
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When cranberries are ripe, they bounce. *

if	a cranberry	is bouncy	then	it	is ripe
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A coyote can run up to forty miles per hour.

if	an animal	is	a coyote	then	it	can run up to forty miles per hour
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Skunks attack beehives because they want to eat bees. *

if	a skunk	attacks a beehive	then	it	wants to eat bees
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A worm will die if you cut it in half.

if	an animal	is a worm	then	it	will die when cut in half
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A group of cats is called a clowder. *

if	it is	a group of cats	then	the group	is called	a clowder
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The longest river in the U.S. is the Missouri River. *

if	the river	is the longest	in the U.S.	then	it	is the Missouri River
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A leap year is a year with 366 days instead of 365. *

if	a year	has	366 days	then	it	is a leap year
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Bamboo can grow more than three feet a day.

if	a plant	is	bamboo	then	it	can grow more than three feet a day
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Mercury is a metal that is liquid at room temperature.

if	a metal	is	mercury	then it is	liquid	at room temperature
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Polar bears can live in the Arctic.

if	you are in	the Arctic	then	you could see	polar bears
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Wolves have two layers of fur.

if	an animal	is	a wolf	then	it	has two layers of fur
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Olympic gold medals are made mostly of silver.

if	a medal	is	an Olympic gold medal	then	it is	mostly silver
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The capital of Kenya is Nairobi. *

if	a country	has a capital	called	Nairobi	then	it	is Kenya
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Amphibians, like frogs, can live on land or in water.

if	an animal	is	a frog	then	it	can live on land or in water
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Diamonds are the hardest substance known to man. *

if	a substance	is	a diamond	then	it	is	the hardest substance known to man
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Gorillas can live for forty to fifty years.

if	an animal	is	a gorilla	then	it	can live for forty to fifty years
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Australia's Great Barrier Reef is the largest living thing on Earth. *

if	a reef	is	the largest living thing on Earth	then	it	is the Great Barrier Reef
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In order to burn, a fire needs oxygen, heat, and fuel. *

if	a fire	has	oxygen, heat, and fuel	then	it	can burn
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Magnets are used at recycling plants to sort through different metals.

if	a magnet	is in	a recycling plant	then	it	is used to sort through metals
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Every baseball used in Major League Baseball is wiped with special mud before the game.

if	a baseball	has been used in	a Major League Baseball game	then	it	has been wiped with mud
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A blizzard is a snowstorm with high winds. *

if	there is	a snow-storm	with	high winds	then	it is	a blizzard
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Snapping turtles bite things to defend themselves.

if	it is	a snapping turtle	then	it	will bite to defend itself
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Smoking causes many health problems.

if	you	smoke	then	you	have health problems
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Butterflies develop from caterpillars.

if	it will turn into a butterfly		then	it is a caterpillar
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Adult humans have thirty-two teeth.

if	you are an adult human		then	you have thirty- two teeth
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A hippopotamus can run faster than a human.

if	an animal	is a hippo	then	it	can run faster than	a human
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Comets orbit the sun.

if	an object	is	a comet	then	it	orbits the sun
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Middle School

Sunscreen with a high SPF helps prevent sunburns.

if	you	are wearing	sunscreen with a high SPF	then	you are less likely to get a sunburn
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The cafeteria at school is serving nachos today.

if	you	ate	at the cafeteria today	then	you	ate	nachos
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A scientist who studies dinosaurs is a type of paleontologist.

if	a scientist	studies	dinosaurs	then	he or she	is a pale- ontologist
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Water boils at 212 degrees Fahrenheit. *

if	water	is boiling	then	it	is 212 degrees Fahrenheit
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A marine biologist is a type of scientist who studies things underwater.

if	a scientist	is a marine biologist	then	he or she	studies things underwater
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Hair is made of a protein called keratin.

if	he	has	hair	then	it	is made of	keratin
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REPRODUCIBLE

Refraction is when light rays bend as they pass through a substance. *

if	the light	was not bent	then	it	was not refracted
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Antibiotics can fight bacteria but not viruses. *

if	an infection	can be cured	by antibiotics	then	it	is bacterial
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Koalas are native to Australia.

if	an animal	is	a koala	then	it	is native to Australia
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In a half-inch square of human skin, there are one hundred sweat glands.

if	it is	a half-inch square	of human skin	then	it	has one hundred sweat glands
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Bicycles are healthier for the environment than cars.

if	you are	riding a bike	then	it is better for the environment	than	driving a car
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Five-cent coins minted from 1942 to 1945 aren't made of nickel.

if	you	have	a nickel from 1943	then	it	is	not made of nickel
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Lightning is caused by the small bits of ice rubbing together and creating an electrical charge.

if	there	is	lightning	then	there are	small bits of ice	in the sky
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People who are afraid of clowns don't go to the circus.

if	a person	is afraid of clowns	then	he or she	will not	go	to the circus
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The iris responds to low light by making the pupil larger.

if	it is dark	then	the iris	makes the pupil	larger
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He had to buy new tires after driving over a box of spilled nails.

if	he	drove over	nails	then	he	had to buy	new tires
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At cold temperatures, water turns into ice. *

if	it is cold	then	the state of matter of water	is more likely to be	ice	than	steam
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Credit card companies allow you to buy something and pay for it later.

if	you	bought something with a credit card	then	you	pay for the purchase	later
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F. Scott Fitzgerald wrote *The Great Gatsby*. *

if	an author	wrote	<i>The Great Gatsby</i>	then	he	is	F. Scott Fitzgerald
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The chemical DDT causes harm to the environment.

if	a chemical	is	DDT	then	it	causes harm to the environment
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The femur—the strongest bone in the human body—is hollow.

if	a bone	is	the femur	then	it	is hollow
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Tension in your neck muscles gives you a headache.

if	you	have tension in your neck muscles	then	you	have a headache
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President Barack Obama is the forty-fourth president of the United States. *

if	a person	is	Barack Obama	then	he is	the forty-fourth president of the U.S.
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Pluto stopped being considered a planet on August 24, 2006.

if	you	studied the solar system in the 1990s	then	you learned	that Pluto	is a planet
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REPRODUCIBLE

Rabbits and parrots have very wide fields of vision.

if	an animal	is a rabbit or a parrot	then	it	has a very wide field of vision
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The position of the moon affects high and low tides.

if	the moon	is directly overhead	then	the tide	is high
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Approximately 10 percent of the world's known species live in the Amazon rainforest.

if	the Amazon rainforest	is destroyed	then	10 percent of the world's species	are destroyed
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Niagara Falls is right on the border between the United States and Canada.

if	you are at	Niagara Falls	then	you can	see	Canada
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The coast of North Carolina is a dangerous place to sail because of strong ocean currents, low-lying islands, and severe weather.

if	you	are sailing	near North Carolina	then	you	are	in a dangerous place to sail
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Many people like dolphins because of their human-like characteristics.

if	an animal	is	a dolphin	then	it	seems	similar to humans
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