

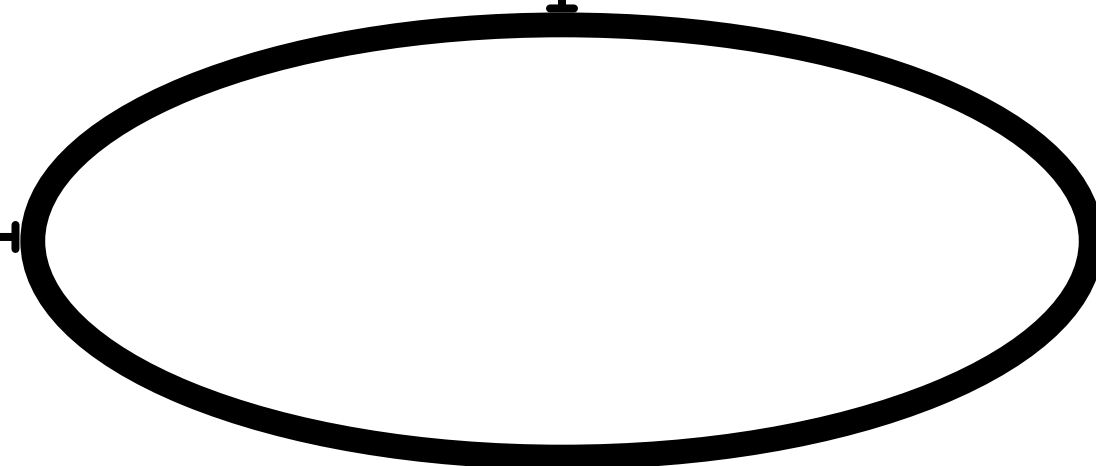
The background is a light green color. It is decorated with a border of various science-related icons. In the top left, there are blue gears and test tubes. In the top right, there is a blue laptop, a globe, and a blue flask. In the middle right, there is a yellow calculator. In the bottom right, there are more gears, a microscope, and a red rocket. In the bottom left, there is a blue satellite dish and a blue flask. In the center, the text 'MELVA-S' is written in large, blue, rounded letters. Below it, the text 'Science Vocabulary Frayer Models' is written in dark blue, bold, sans-serif letters.

# MELVA-S

## Science Vocabulary Frayer Models

**Definition:**

**Sentence:**



**Alternative Definitions:**

**Definition:** Something that gives you a better chance at something.

**Sentence:** The girls have an advantage because there are 3 of them.

advantage/ventaja

**Alternative Definitions:**



**Definition:** To study something closely and carefully to understand it better.

**Sentence:** The kids are analyzing the tree's trunk.

analyze/analizar

**Alternative Definitions:**



**Definition:** Part of a place, like part of a park, city, or country.

**Sentence:** There is a parking area next to the water.

area/área

**Alternative Definitions:** Part of the surface of something (like the body); the measure of a two-dimensional space.



**Definition:** To make something happen.

**Sentence:** The wind is causing the kite to fly.

cause/causar

**Alternative Definitions:**



**Definition:** To become different.

**Sentence:** The caterpillar changes into a butterfly.

change/cambiar

**Alternative Definitions:** Money left over after you pay.



**Definition:** Something that you say is a fact.

**Sentence:** The girl claims to know the answer.

**claim/afirmación**

**Alternative Definitions:** To say that something is yours.



**Definition:** Something you see a lot.

**Sentence:** Dogs are common pets.

common/común

**Alternative Definitions:** In common: sharing characteristics; (math) common denominator.



**Definition:** To be made of.

**Sentence:** The necklace is composed of pasta.

**composed/compuesto**

**Alternative Definitions:** Wrote something, such as a story or a song; calm.



**Definition:** What you decide after thinking carefully about something.

**Sentence:** The girl came to a conclusion after reading the book.

conclusion/conclusión

**Alternative Definitions:** The end of something; The close or last part.



**Definition:** How something looks, how it feels, or how well it works.

**Sentence:** The armchair on the right is in better condition than the one on the left.

condition/condición

**Alternative Definitions:** To get into shape; A requirement.



**Definition:** To have within.

**Sentence:** The fish tank contains pebbles and fish.

**contain/contener**

**Alternative Definitions:**



**Definition:** A series of events that repeat in the same order or at the same times.

**Sentence:** The cycle begins with a seed and it grows into a fruit.

cycle/ciclo

**Alternative Definitions:** To ride a bicycle; to travel in a circle.



**Definition:** Information you collect.

**Sentence:** The girl is collecting data about how much the plant has grown.

**data/datos**

**Alternative Definitions:**  
Information stored or used by a computer.



**Definition:** Growth or change of something.

**Sentence:** A bee hive is the development of bees.

development/desarrollo

**Alternative Definitions:** Event that changes things; group of houses or buildings built by the same builder.



**Definition:** The way someone or something is looking or going.

**Sentence:** The girl is pointing in the direction she wants to go.

**direction/dirección**

**Alternative Definitions:**  
Instructions, as in what or how to do something; guidance.



**Definition:** Many different kinds.

**Sentence:** There are diverse birds in the forest.

diverse/diverso

**Alternative Definitions:** Having different cultures, races, or other demographic characteristics.



**Definition:** A change that happens because something else happened.

**Sentence:** Sunscreen protects us from the sun's harmful effects.

effect/efecto

**Alternative Definitions:**



**Definition:** To assess how good or useful something is.

**Sentence:** The boys evaluate the quality of the water.

evaluate/evaluar

**Alternative Definitions:**

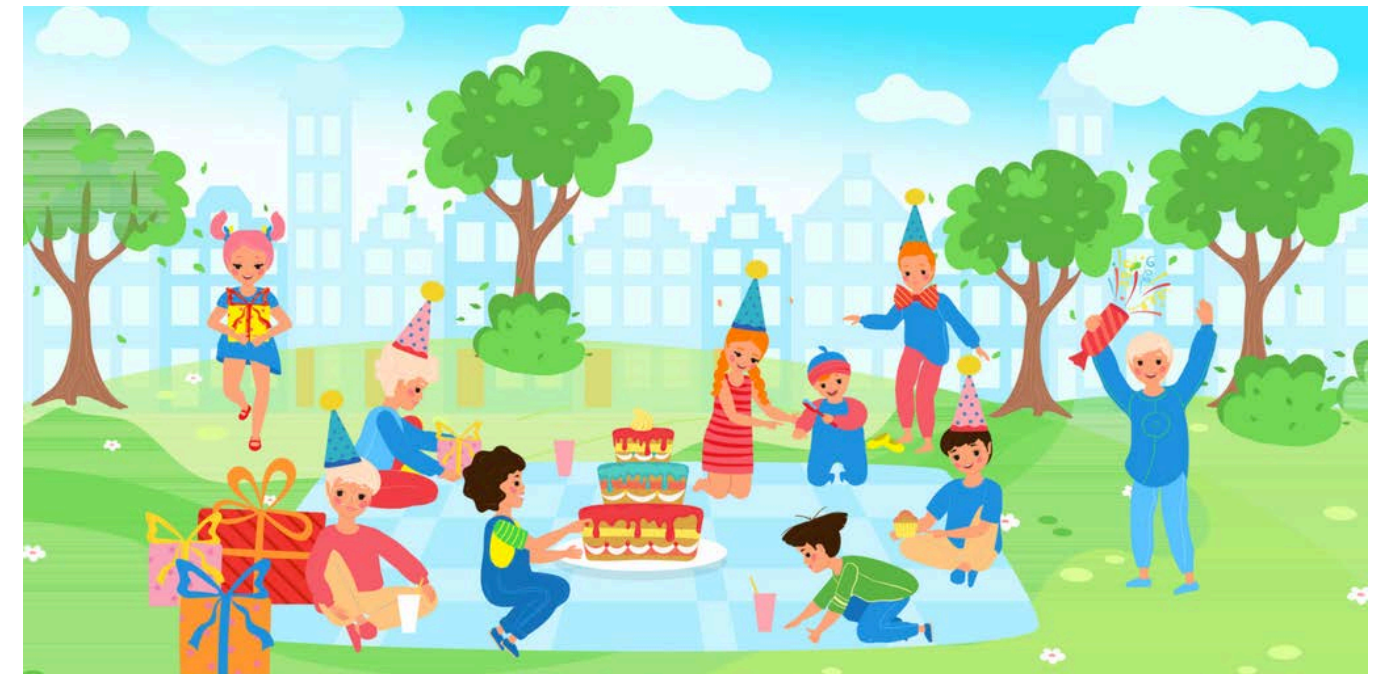


**Definition:** Something that happens.

**Sentence:** They are having a fun event in the park.

event/evento

**Alternative Definitions:**



**Definition:** To travel, or to look at something, in order to learn and discover.

**Sentence:** The astronaut's mission is to explore outer space.

explore/explorar

**Alternative Definitions:**



**Definition:** Very different from what is normal.

**Sentence:** The tornado had extreme winds that were very strong.

**extreme/extremo**

**Alternative Definitions:**

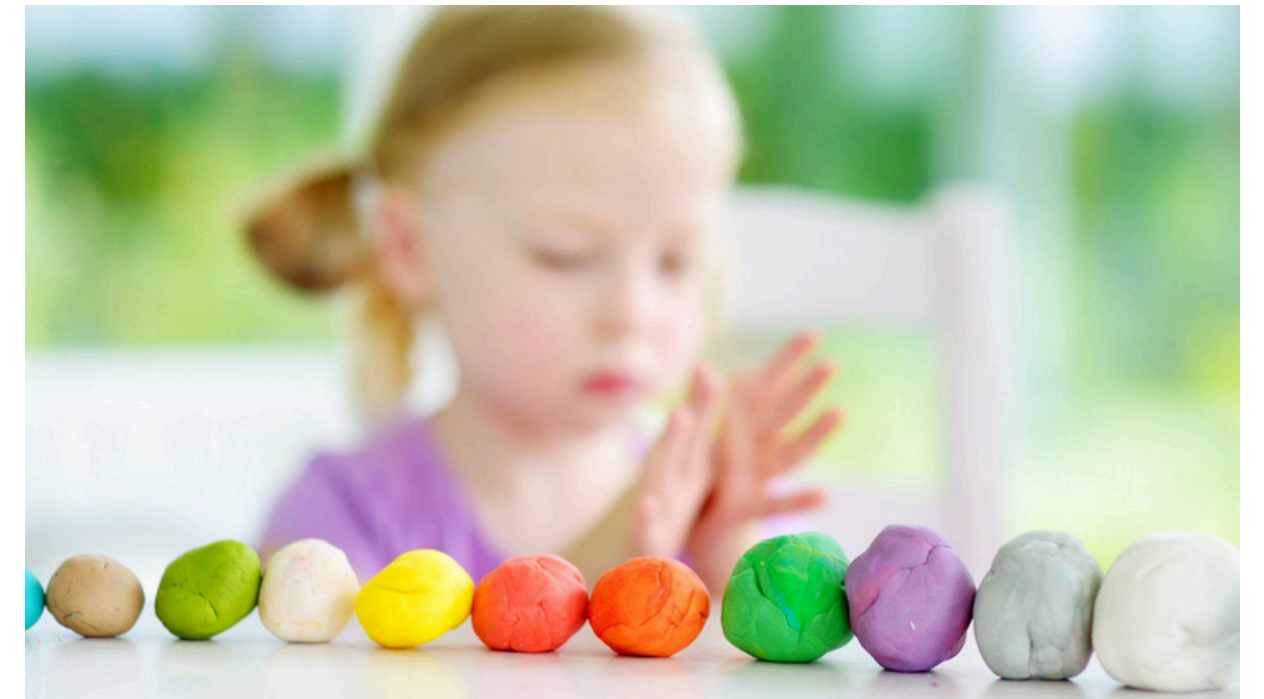


**Definition:** To create or grow into a shape or type of something.

**Sentence:** The child forms different size spheres with the clay.

**form/formar**

**Alternative Definitions:** The shape of something; type or kind; to make something into a shape; a place to fill in information; to be one, many, or all of the parts of; constitute.



**Definition:** What something does or is used for.

**Sentence:** The function of the shovel is to dig.

function/función

**Alternative Definitions:** Role or job; a social event; to work the way it should.



**Definition:** To have a strong effect on.  
**Sentence:** Recycling has a positive impact on our planet.

impact/impacto

**Alternative Definitions:** The strong influence of a person, a thing, or an action on something; to hit.



**Definition:** To guess based on information that you have.

**Sentence:** The girl tried to infer the flavor of the snow cone.

**infer/inferir**

**Alternative Definitions:**

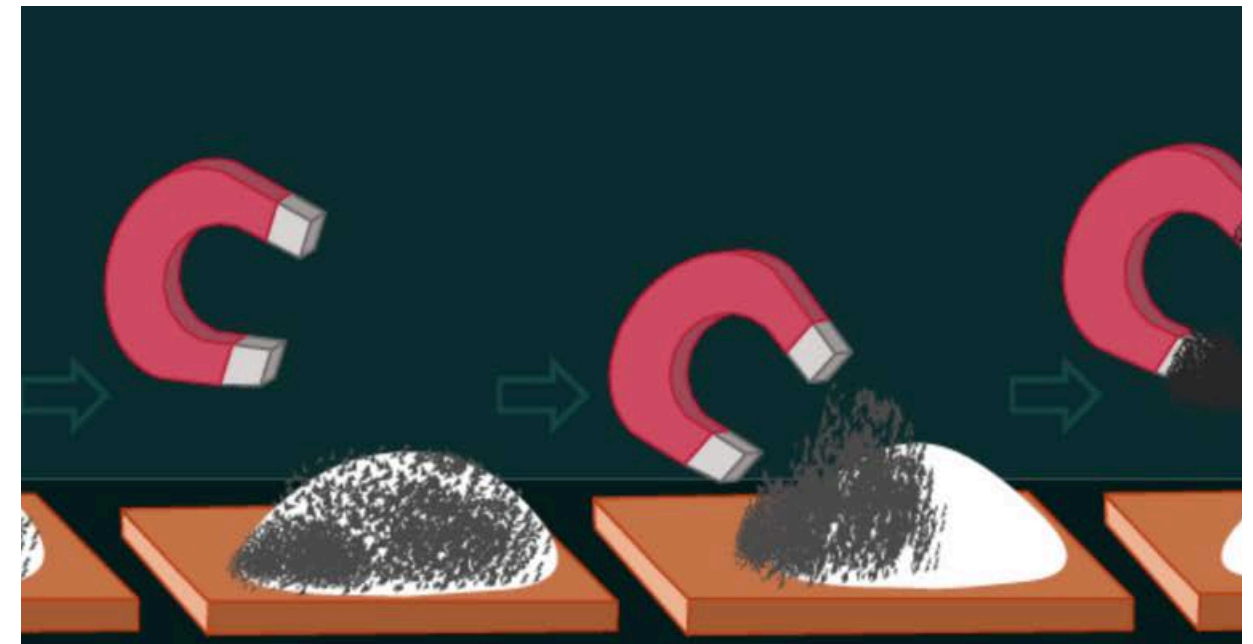


**Definition:** The effect of two or more things reacting to one another.

**Sentence:** There is an interaction between the magnets and iron, but not with the sand.

interaction/interacción

**Alternative Definitions:** When people talk or do something together.



**Definition:** To understand or explain what something means or why it is important.

**Sentence:** The students are interpreting the information with their team.

**interpret/interpretar**

**Alternative Definitions:** Translate to another language while someone is speaking; perform a song or dramatic role.



**Definition:** To plan and collect information to answer a question.

**Sentence:** The students are investigating what happens when the liquids are mixed together.

investigate/investigar

**Alternative Definitions:** To try to find out who did a crime.



**Definition:** To show that something is correct or true.

**Sentence:** The boy is justifying why he needs the computer.

justify/justificar

**Alternative Definitions:**

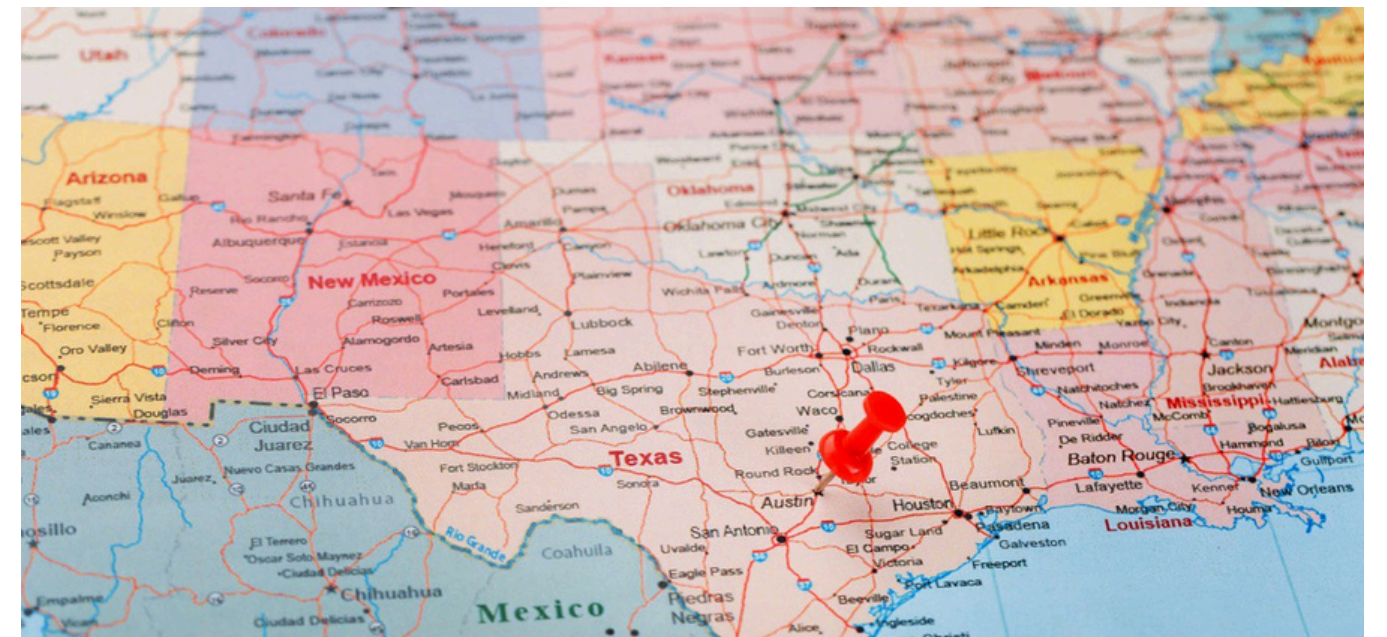


**Definition:** The place where something is.

**Sentence:** The location of Texas is marked on the map.

location/lugar

**Alternative Definitions:** The act of finding something.



**Definition:** Anything that can be used to make something else.

**Sentence:** The boy used a lot of different materials to make his robot.

material/material

**Alternative Definitions:** What something is made of; fabric.



**Definition:** A way of doing something.

**Sentence:** The girl and her mom followed the correct method for making dough.

method/método

**Alternative Definitions:**



**Definition:** Look carefully at something to understand it better.

**Sentence:** The girl used the telescope to observe the stars in the sky.

observe/observar

**Alternative Definitions:** To follow a rule, law or tradition.

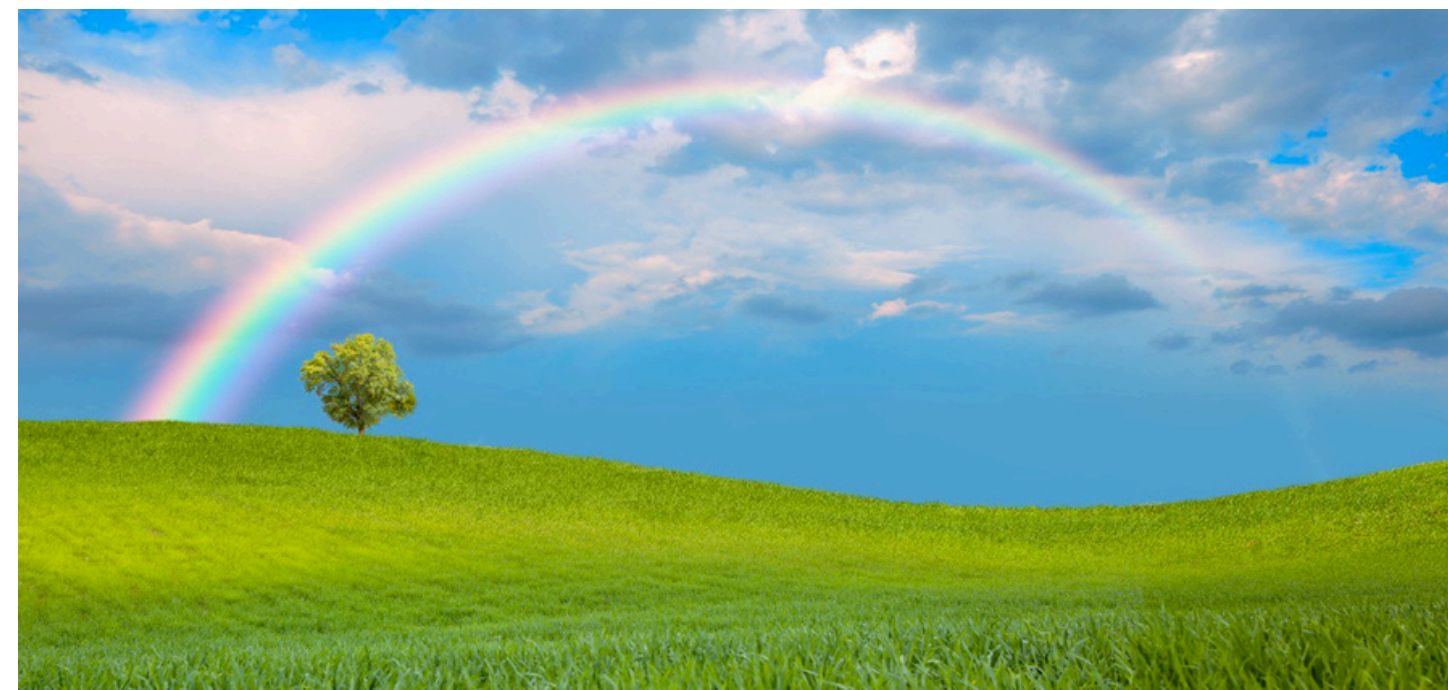


**Definition:** When something happens.

**Sentence:** The rainbow occurred after the rain stopped.

occur/ocurrir

**Alternative Definitions:** When an idea comes into your mind.



**Definition:** A design or behavior that repeats itself.

**Sentence:** The girl's shirt has a striped pattern.

pattern/patrón

**Alternative Definitions:** A model for how to make or do something.

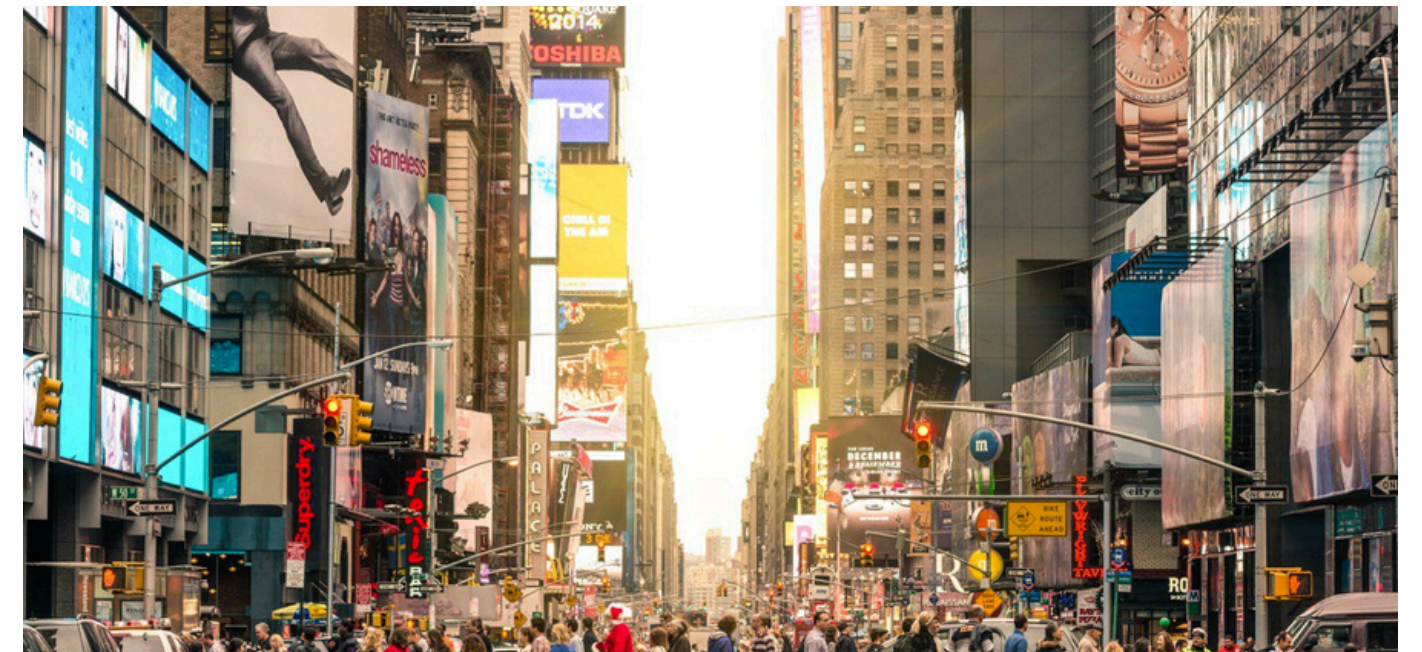


**Definition:** All the people or all the animals that live in a place.

**Sentence:** The city has a large population.

population/población

**Alternative Definitions:**



**Definition:** Place in list or line.

**Sentence:** The boys are in position to start the race.

**position/posición**

**Alternative Definitions:** a job; an opinion or point of view; rank or status; how your body is arranged; to arrange something in a place; general situation; where something is, compared to other things; a certain role or placement on a sports team, field or court.



**Definition:** A way we normally do things.

**Sentence:** It is good practice to wear your seatbelt everytime you ride in the car.

practice/práctica

**Alternative Definitions:** To do something repeatedly to get better.



**Definition:** Steps that you take to do something.

**Sentence:** You should follow the correct procedure for washing your hands to keep you healthy.

practice/práctica

**Alternative Definitions:** A medical operation.

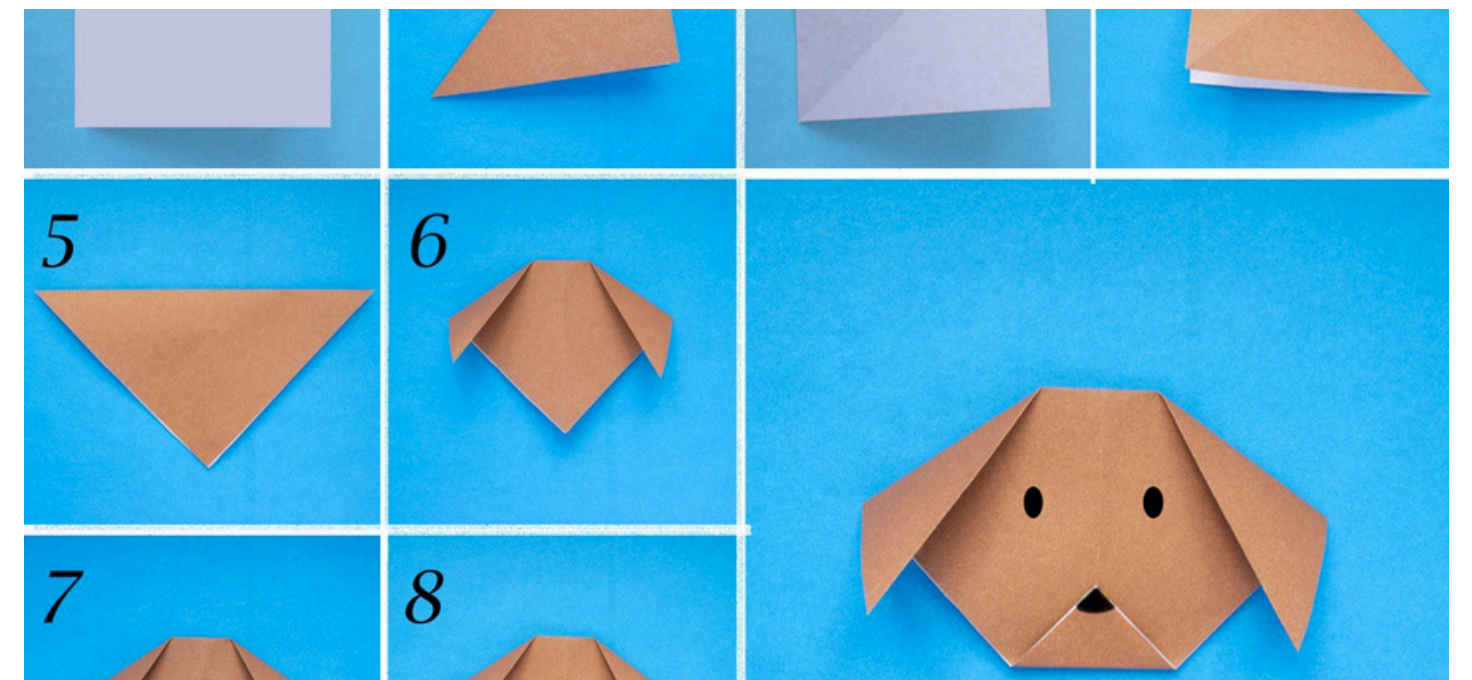


**Definition:** Actions you do to make something or reach a goal.

**Sentence:** This shows the process of folding paper to make a dog.

process/proceso

**Alternative Definitions:** To prepare or treat something in a specific way.



**Definition:** A characteristic that tells something about an object.

**Sentence:** One property of ice is that it's cold.

property/característica

**Alternative Definitions:**

Something that belongs to you or someone else; land, house or buildings.



**Definition:** To give.

**Sentence:**

**provide/proveer**

**Alternative Definitions:**

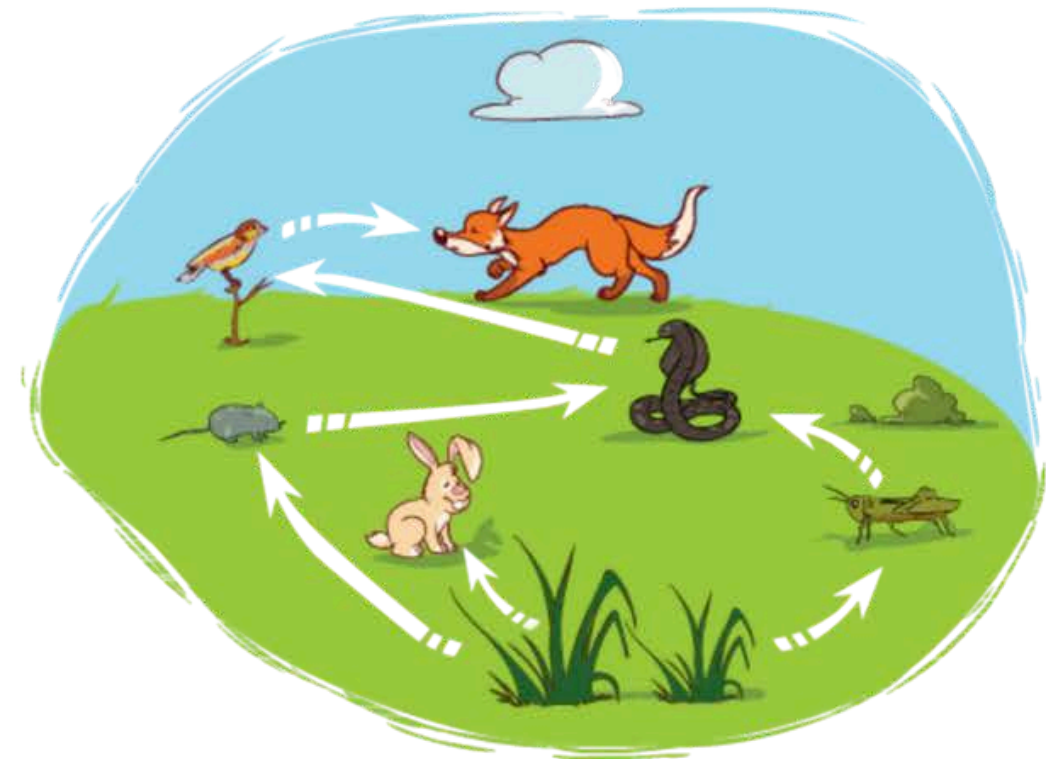


**Definition:** A connection between two or more things.

**Sentence:** There is a relation between all the animals in the food chain.

relation/relación

**Alternative Definitions:**  
Connection through family (kinship); a member of your family.



**Definition:** To stand for something else.

**Sentence:** The model represents a city with houses and and trees.

represent/representar

**Alternative Definitions:**



**Definition:** Something that can be used when needed.

**Sentence:** Water is an important resource for animals.

resource/recurso

**Alternative Definitions:**

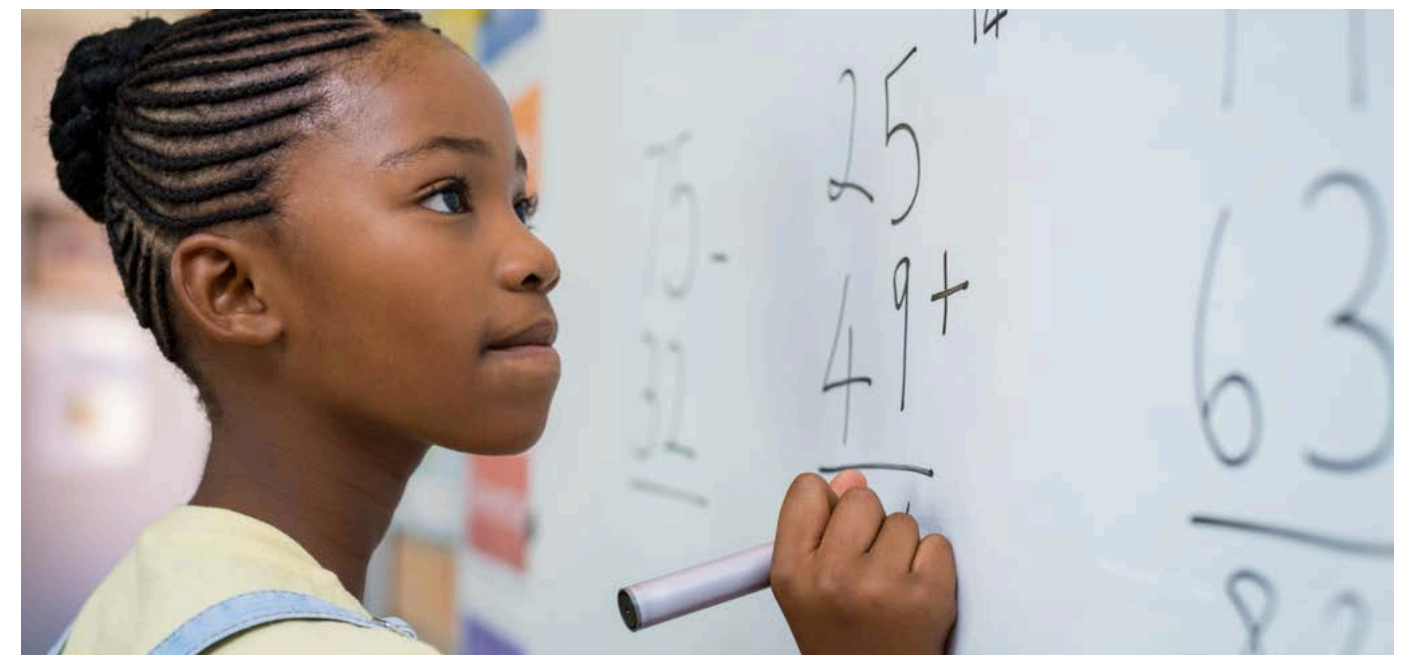


**Definition:** Something that happens because of something else.

**Sentence:** She is writing the result of the experiment.

result/resultado

**Alternative Definitions:** Answer.



**Definition:** What is happening at that moment.

**Sentence:** The weather caused a situation where the car went off the road.

situation/situación

**Alternative Definitions:**

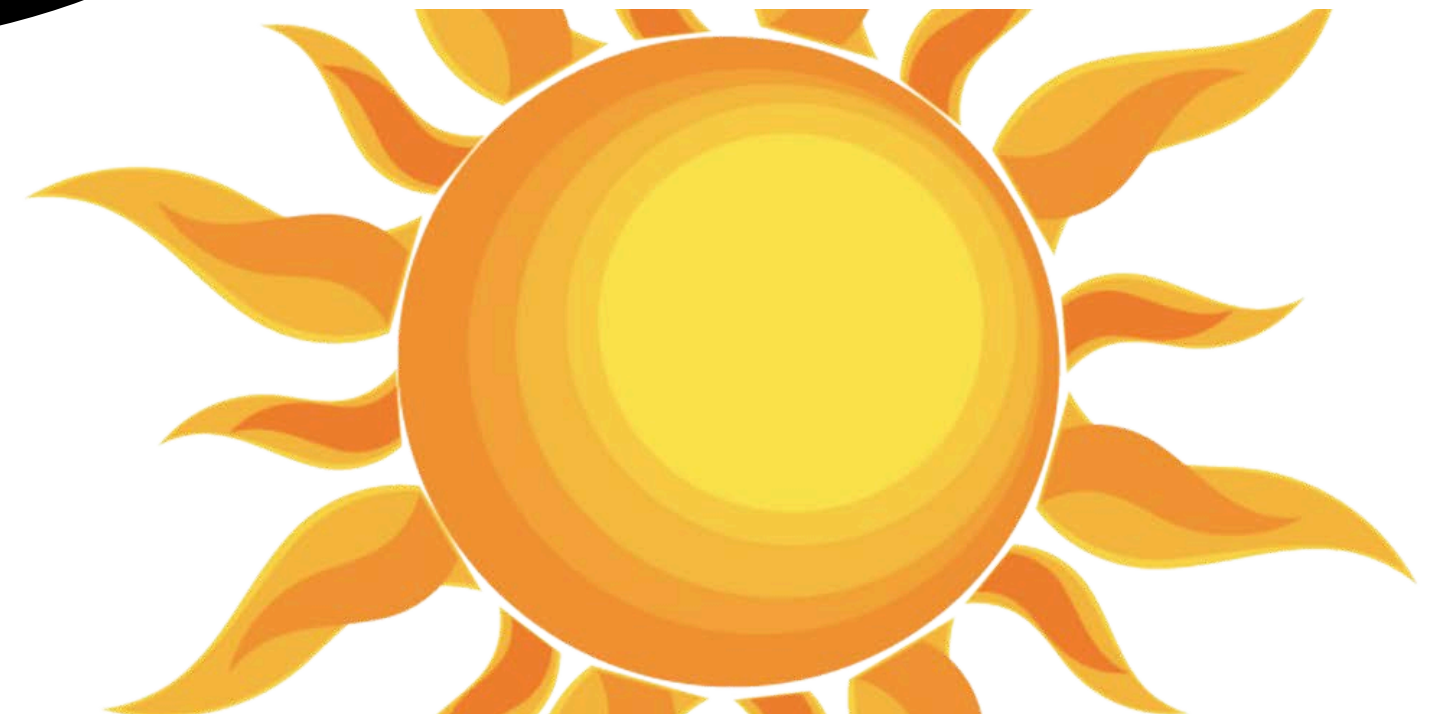


**Definition:** Where you get something from.

**Sentence:** Sun is a good source of energy.

situation/situación

**Alternative Definitions:**

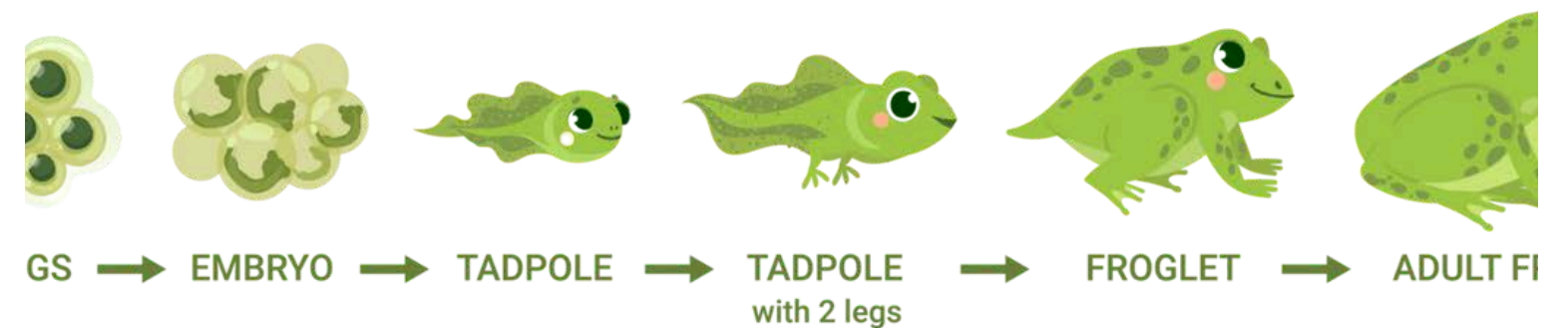


**Definition:** One step in a process.

**Sentence:** These are the stages of a tadpole turning into a frog.

stage/etapa

**Alternative Definitions:** A raised area or platform, like where the actors or musicians perform.



**Definition:** The form or condition of something, which can change.

**Sentence:** These are three states of water.

state/estado

**Alternative Definitions:** The form or condition of something, which can change.



**Definition:** Something made of parts connected together.

**Sentence:** The skeleton is the structure of the human body.

**structure/estructura**

**Alternative Definitions:** A building; the way something is built or organized; to provide organization or physical support.



**Definition:** To provide proof or facts for what you say.

**Sentence:** She is supporting her answer by counting on fingers.

**support/apoyar**

**Alternative Definitions:** To physically hold something in place; to provide emotional care or assistance.



**Definition:** A group of things that interact with each other to work as a whole.

**Sentence:** This system creates light.

**system/sistema**

**Alternative Definitions:**



**Definition:** Something passed on by parents to their babies.

**Sentence:** One trait of geese is that they have wings feathers that help them fly.

trait/caraterística

**Alternative Definitions:** What kind of person they are.



**Definition:** What kind it is.

**Sentence:** There are different types of food.

type/tipo

**Alternative Definitions:** Write on a keyboard.



**Definition:** Different kinds of things.

**Sentence:** There are a variety of butterflies.

variety/variedad

**Alternative Definitions:**



**Definition:** A change in a living thing that allows it to survive in its environment.

**Sentence:** One adaptation of a chameleon is that it can change its color.

adaptation/adaptación

**Alternative Definitions:** variation of a play or story.



**Definition:** How much you have or use of something.

**Sentence:** The man is adding a small amount of liquid.

amount/cantidad

**Alternative Definitions:**



**Definition:** To lay, rub or spread something on something else.

**Sentence:** The woman is applying soap and water to her hands.

**apply/aplicar(se)**

**Alternative Definitions:** To work hard; to make a request; to make use of.



**Definition:** The reasons to support your opinion.

**Sentence:** The boy is providing an argument for why he should watch TV.

apply/aplicar(se)

**Alternative Definitions:** To work hard; to make a request; to make use of.



**Definition:** A layer of gases surrounding Earth or other planets.

**Sentence:** The atmosphere is the layer of air that surrounds the Earth.

atmosphere/atmósfera

**Alternative Definitions:** The feeling or impression of a place.

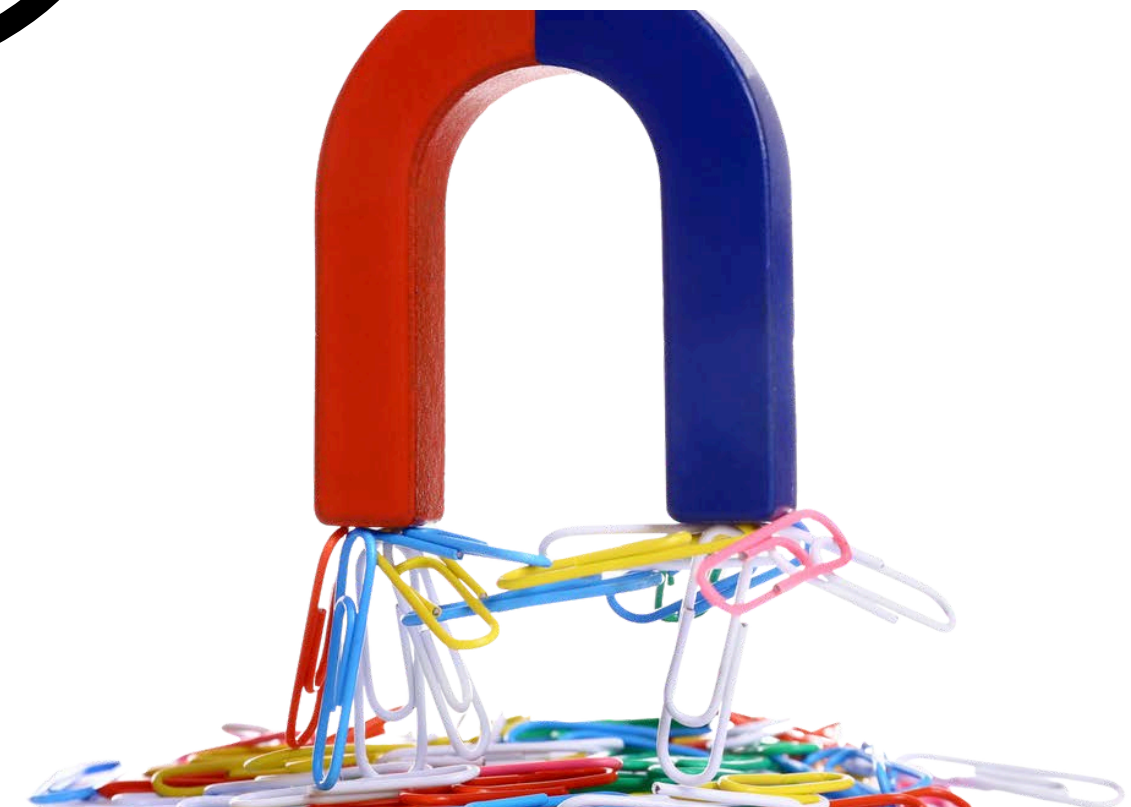


**Definition:** Pulled or drawn towards something else.

**Sentence:** Magnets attract metal objects like paper clips.

attract/atraer

**Alternative Definitions:** The feeling or impression of a place.



**Definition:** Typical, expected, or most common.

**Sentence:** The sunflower is taller than average.

average/promedio

**Alternative Definitions:**

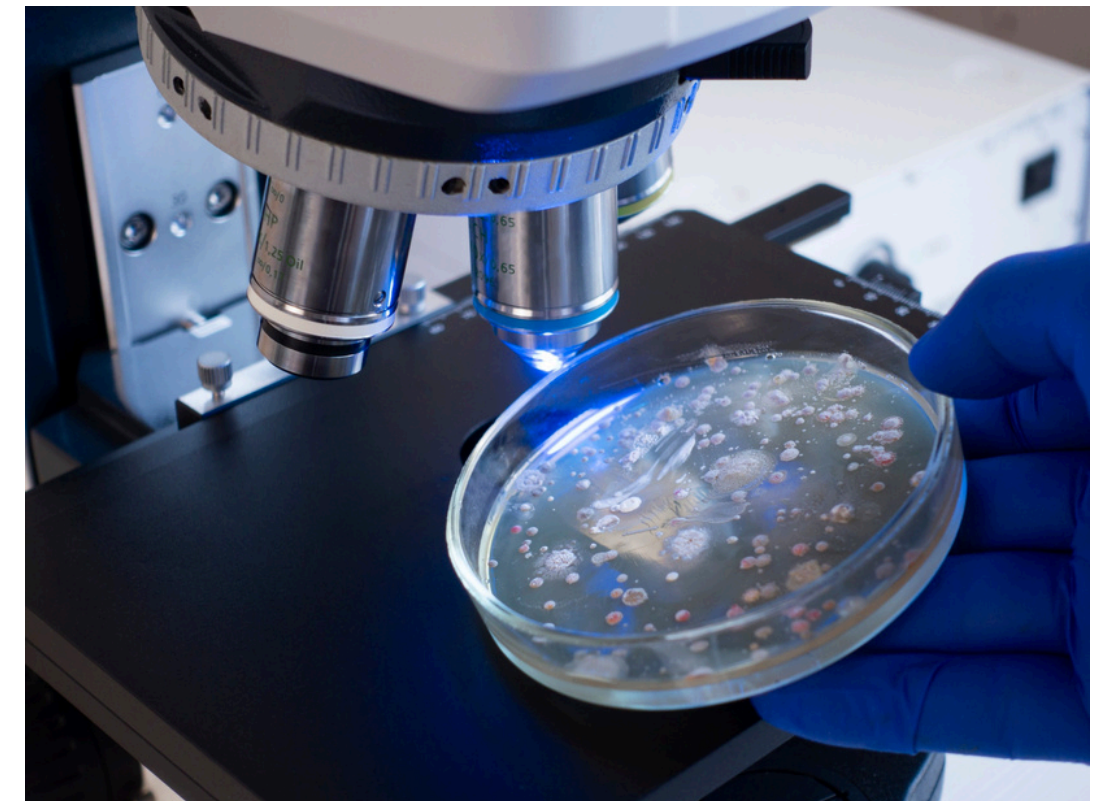


**Definition:** Tiny life forms that are sometimes harmful.

**Sentence:** We used a microscope to see tiny bacteria.

bacteria/bacteria

**Alternative Definitions:**

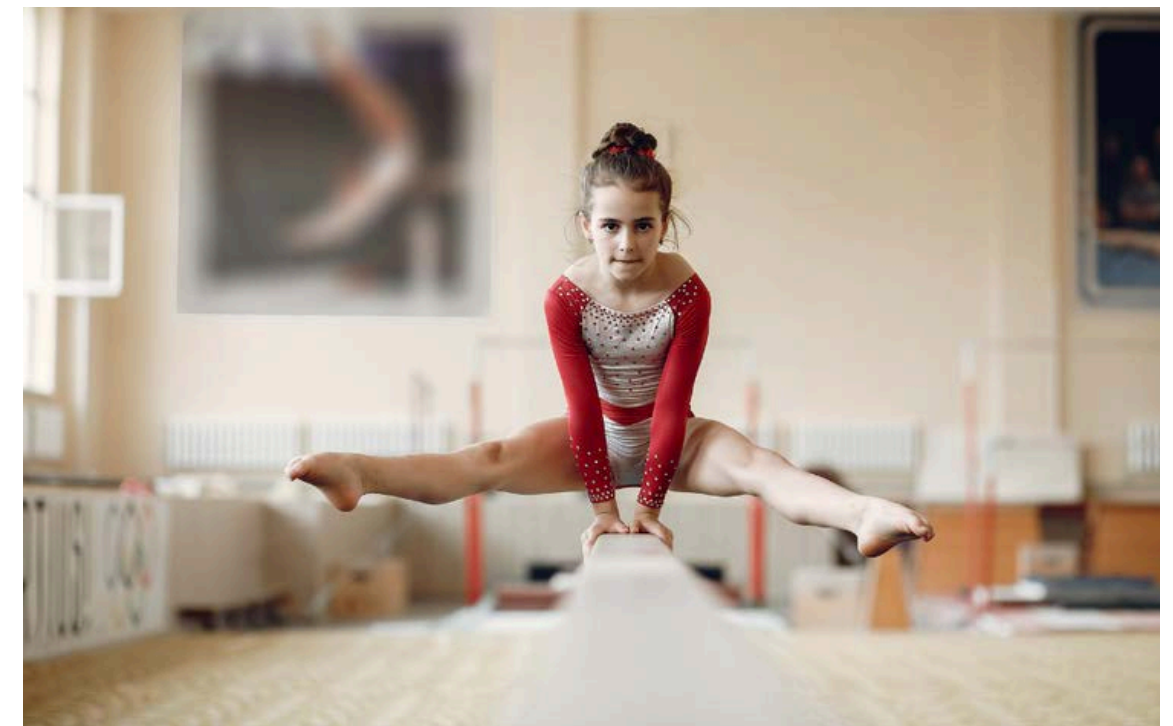


**Definition:** Having the right (same) amount of two or more things.

**Sentence:** The students are trying to balance the scales with the blocks.

balanced/equilibrado

**Alternative Definitions:**

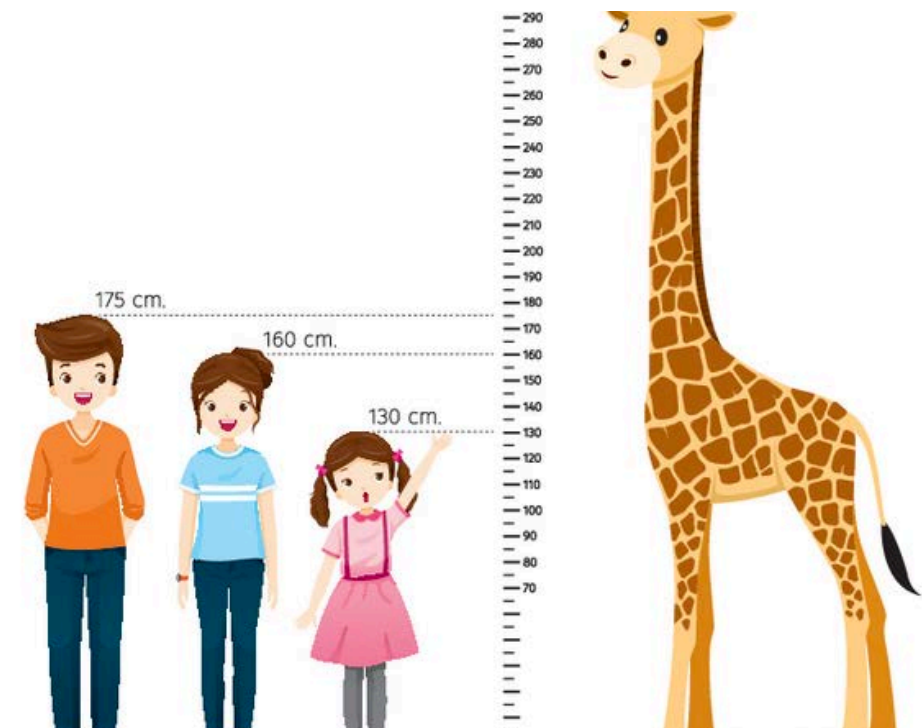


**Definition:** A unit that you use to measure how long something is.

**Sentence:** The child is almost 100 centimeters tall.

centimeter/centímetro

**Alternative Definitions:**



**Definition:** To become different.

**Sentence:** The trees change every season.

centimeter/centímetro

**Alternative Definitions:** Money left over after you pay.



**Definition:** To organize things or sort into groups based on common characteristics.

**Sentence:** They are classifying land and sea animals.

**classify/clasificar**

**Alternative Definitions:**



**Definition:** The general weather condition of a place.

**Sentence:** The climate here is cold and wet.

climate/clima

**Alternative Definitions:** The emotional feel of a place or situation.



**Definition:** To gather things or bring together.

**Sentence:** The student went outside to collect leaves for her science project.

collect/recollectar

**Alternative Definitions:**



**Definition:** To put things all together so that it becomes one thing.

**Sentence:** The boy is combining liquids to make a new color.

combine/combina

**Alternative Definitions:**



**Definition:** To share information, ideas or feelings through talking, writing, or drawing.

**Sentence:** The mom and daughter use sign language to communicate.

communicate/comunicar

**Alternative Definitions:**



**Definition:** A group of people who live in the same area or have common characteristics.

**Sentence:** The community is planting a garden.

community/comunidad

**Alternative Definitions:**  
Neighborhood or place where people live.

**Definition:** To describe how things are similar and different.

**Sentence:** The girl is comparing the size of two radishes.

**Compare/comparar**

**Alternative Definitions:**



**Definition:** The process when a gas changes to a liquid through cooling.

**Sentence:** We observed condensation forming on our classroom window.

condensation/  
condensación

**Alternative Definitions:**



**Definition:** To keep safe from loss, waste, or destruction.

**Sentence:** The boy is conserving electricity by turning off the light.

conserve/conservar

**Alternative Definitions:**



**Definition:** To build or put together.

**Sentence:** The dad is helping the girl construct a birdhouse.

**construct/construir**

**Alternative Definitions:**

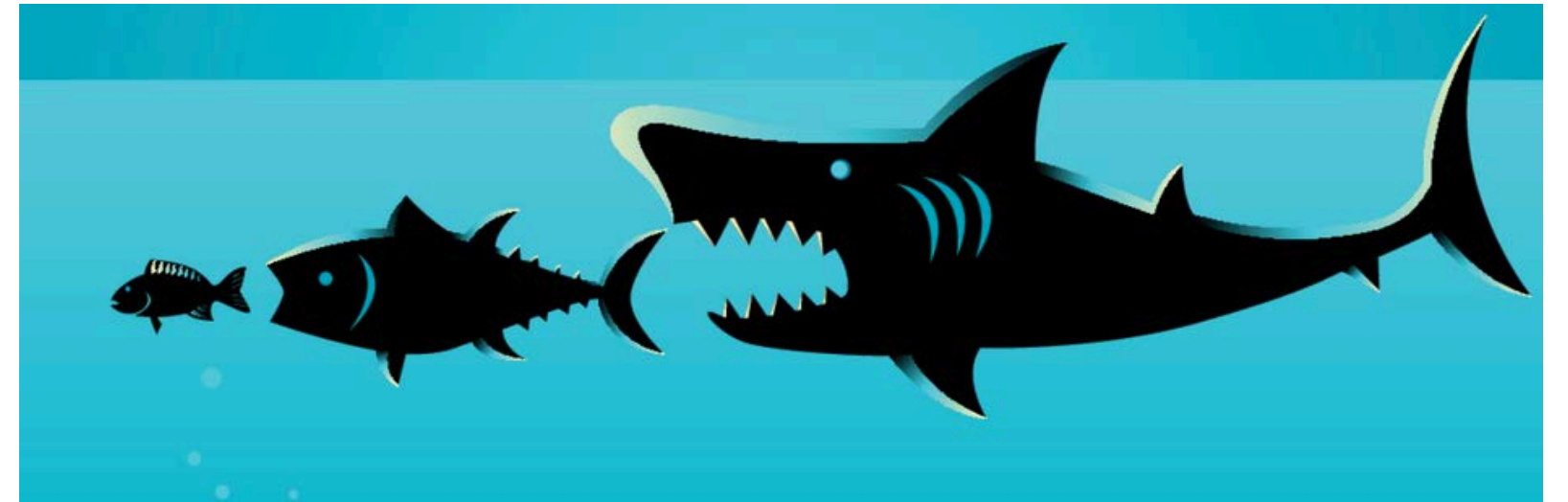


**Definition:** A living thing that eats producers or other consumers.

**Sentence:** Sharks are consumers because they eat smaller fish.

consumer/consumidor/a

**Alternative Definitions:** A person who buys things.



**Definition:** When things or people touch.

**Sentence:** We should avoid contact with a person who is sick.

**Contact/contacto**

**Alternative Definitions:** To touch something; a lens you put in your eye to correct your vision; to communicate with.



**Definition:** To make colder.

**Sentence:** It is really hot, so the fan is cooling the girl.

cooling/enfriando

**Alternative Definitions:**



**Definition:** The amount of money you need to buy something.

**Sentence:** The mom is checking the cost of groceries.

cost/precio

**Alternative Definitions:** To have the price of; what you lose because of something.



**Definition:** known or used in the present time.

**Sentence:** Current cars are safer and faster than old cars.

current/actual

**Alternative Definitions:** The flow of something, like water or electricity.



**Definition:** To get smaller in size, amount or number.

**Sentence:** The sound decreases when you turn the volume down.

decrease/disminuir

**Alternative Definitions:**



**Definition:** To explain what a word means.

**Sentence:** The girl defines the word ice.

define/definir

**Alternative Definitions:**



**Definition:** To show how to do something.

**Sentence:** The dentist is demonstrating how to brush your teeth.

**demonstrate/mostrar**

**Alternative Definitions:** To gather in protest.



**Definition:** To make or draw plans for building something.

**Sentence:** The girl is collecting data about how much the plant has grown.

**design/diseñar**

**Alternative Definitions:** Pattern like on a shirt.



**Definition:** Something for people to look at.

**Sentence:** The kids art is on display for everyone to see.

display/exposición

**Alternative Definitions:** Pattern like on a shirt.



**Definition:** The amount of space between things.

**Sentence:** The girl ran a long distance to get to the finish line.

distance/distancia

**Alternative Definitions:**



**Definition:** To pass or give something out.

**Sentence:** The postman distributes the mail to all the houses.

**distribute/distribuir**

**Alternative Definitions:**



**Definition:** A long time with little or no rain.

**Sentence:** The soil is dry because of the drought.

drought/sequía

**Alternative Definitions:**



**Definition:** The shaking or movement of the earth's surface.

**Sentence:** The house and tree are shaking because there is an earthquake.

earthquake/terremoto

**Alternative Definitions:**

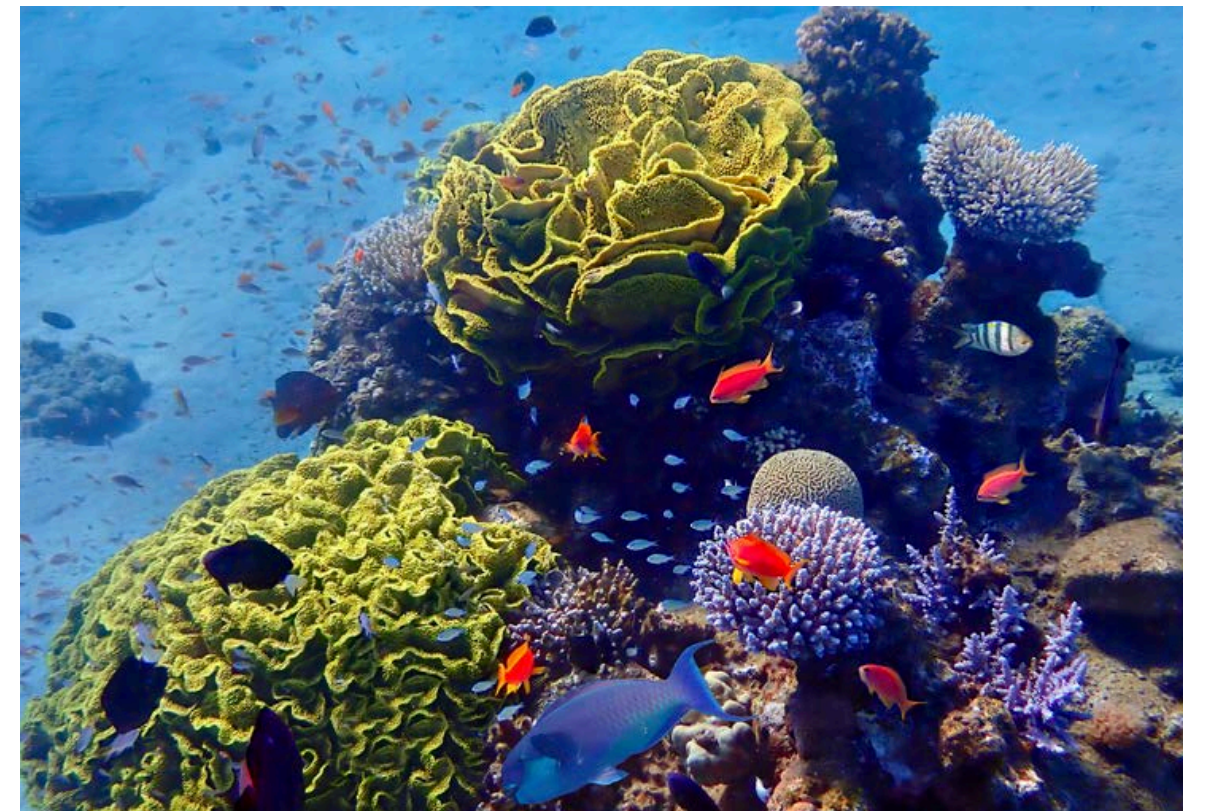


**Definition:** The living and nonliving things that interact in an environment.

**Sentence:** The plants, animals and the pond all depend on each other in their ecosystem.

ecosystem/ecosistema

**Alternative Definitions:**



**Definition:** A form of energy.

**Sentence:** The light bulb uses electricity to give us light.

electricity/electricity

**Alternative Definitions:**



**Definition:** The power that makes things move or change.

**Sentence:** A healthy breakfast gives us energy to start the day.

energy/energía

**Alternative Definitions:**  
Liveliness of a person.



**Definition:** A scientist who observes and studies insects.

**Sentence:** The entomologist is studying the butterflies.

entomologist/entomólogo

**Alternative Definitions:**



**Definition:** Everything that surrounds an organism like the water, soil and air.

**Sentence:** Camels live in a warm, dry environment.

environment/medio  
ambiente

**Alternative Definitions:**



**Definition:** Tools or things used for an activity.

**Sentence:** A magnifying glass is useful equipment.

equipament/herramientas

**Alternative Definitions:**



**Definition:** The movement of rocks and soil caused by water, wind or ice.

**Sentence:** The canyon was shaped by erosion over a long period of time.

erosion/erosión

**Alternative Definitions:**

