EL ACUÍFERO

AQUIFER
An underground formation that holds water, ours is named Ogallala

El Acuífero
Aquifer
LA CONTAMINACIÓN

Pollution
Examples of this are litter, industrial waste, dog poop, fertilizer

La Contaminación
Pollution
EL PESCADOR

Fisherman
This person loves spending time outside, on the lookout for critters that live in water

El Pescador
Fisherman
This is a type of surface water, and the closest one to us is the Canadian El Río River
This happens when an area doesn’t receive much rain – Texas had a very bad one in 2011!

La Sequía
Drought
La Ecosistema

Ecosystem
This is an area where living and non-living things interact

La Ecosistema
Ecosystem
This is the process of water turning from a liquid into a gas

La Evaporación
Evaporation
El Agua Dulce

Freshwater
Water that is NOT saltwater is considered this type of water

El Agua Dulce

Freshwater
LOS AGUAS SUBTERRÁNEAS

GROUNDWATER
This type of water, from the Ogallala aquifer, is our main source of water in the North Plains

Los Aguas Subterráneas
Groundwater
El Ciclo del Agua

Water Cycle
Precipitation, infiltration, evaporation, and condensation are all parts of this

El Ciclo del Agua
Water Cycle
El Impermeable

Impermeable
This type of land cover doesn’t let water infiltrate to the groundwater – examples are asphalt parking lots, buildings, and roads

El Impermeable
Impermeable
Impermeable
EL ARROYO

STREAM
Also known as a creek, you might find many of these in a watershed as they flow into a larger river

El Arroyo Stream
EL RIEGO

IRRIGATION
This is how 96% of groundwater is used in North Plains GCD, and is the way farmers water crops that can be turned into food and clothes.

El Riego

Irrigation
LA LAGUNA

LAKE
The largest of these in the Panhandle is named Meredith La Laguna Lake
Los Recursos Naturales

Natural Resources
These are things that occur in nature that humans can use for energy, food, recreation, and more.

Los Recursos Natural
Natural Resources
EL Océano

Ocean
This is where 97% of the world’s water can be found

El Océano
Ocean
LA MATERIA ORGÁNICA

ORGANIC MATTER
Soil is made up of rocks and minerals, air, water, and...

La Materia Orgánica
Organic Matter
EL PERMEABLE

PERMEABLE
This type of land allows water to infiltrate down into the soil and possibly become part of the aquifer

El Permeable
Permeable
This is the process used by plants to create energy from water and sunlight

La Fotosíntesis
Photosynthesis
EL LAGO PLAYA

PLAYA LAKE
This is a feature on the land that can serve as a habitat for many plants, animals, and birds, and also helps to recharge the aquifer.

El Lago Playa
Playa Lake
La Piscina

Swimming Pool
One of the best ways to enjoy water in the summer heat

La Piscina
Swimming Pool
Groundwater can be found in this kind of rock formation, full of tiny holes

El Poroso
Porous
La Lluvia

Rain
This is one form of precipitation – our area receives about 15 inches of this each year

La Lluvia
Rain
La Nieve

Snow
This is a frozen form of precipitation, and each flake is unique

La Nieve
Snow
La Gotita

Water Drop
Even though they’re tiny, every single one of these counts!

La Gotita
Water Drop
La Regla de Captación

Rule of Capture
According to this rule, a Texan has the right to pump the groundwater under their property

La Regla de Captación
Rule of Capture
El Escarrimiento

Runoff
This is how non-point source pollution can travel through a watershed

El Escurrimiento
Runoff
EL MANANTIAL

SPRING
This is an area where groundwater naturally seeps out of the ground

El Manantial Spring
EL AGUA SUPERFICIAL

SURFACE WATER
The opposite of groundwater, this is water that can be found in oceans, lakes, rivers, and ponds

El Agua Superficial
Surface Water
La Cuenca

Watershed
An area where all the water flows to the same river or lake, and every single one of us lives in one of these

La Cuenca
Watershed
About 40% of a normal household’s water use is from this part of the bathroom.

El Inodoro
Toilet
La Taza

Cup
You can keep one of these full of water in the fridge to avoid wasting water waiting for the faucet to get cold

La Taza
Cup
You should turn this off when you’re brushing your teeth or hand-washing dishes

El Grifo
Faucet
El Aspersor

Sprinkler
Even though your yard only needs about an inch of water each week, most water use in the summer comes from this El Aspersor Sprinkler
EL LAVAPLATOS

DISHWASHER
As long as it’s full, running one of these is usually more water-efficient than hand-washing your dishes

El Lavaplatos
Dishwasher
El Elote

Corn
Around here, many farmers grow this crop – not for humans to eat directly, but to feed cows for milk and meat

El Elote

Corn
EL ALGODON

COTTON
This is the #1 crop grown in the North Plains, and I bet every single one of you is using some right now!

El Algodon
Cotton
La Vaca

Cow
Many of this livestock animal can be found in this area, and humans use it for meat, milk, and leather.

La Vaca
Cow
La Carne

Steak
Producing one pound of this requires nearly 500 gallons of water, but it sure is tasty!

La Carne
Steak
El Sol

Sun
This huge star is the driving force behind the water cycle, photosynthesis, and almost all life on earth

El Sol
Sun
EL BOTE

Boat
From small canoes to larger ones used for fishing or waterskiing, many people enjoy water from one of these 

El Bote 

Boat
Water is one of the only substances on Earth that expands when it freezes – this is the solid form of water

El Hielo
Ice Cubes
El Pez

Fish
Nearly 1000 species of this have been found in Texas, and it’s important to keep water clean for them to live in

El Pez
Fish
LA MANGUERA

WATER HOSE
It’s great for watering your plants, but using this to spray driveways and sidewalks is a waste of water- use a broom instead!

La Manguera
Water Hose
La Bañera

Bath Tub
Short showers are the best choice, because filling this with water can use up to 70 gallons of water

La Bañera
Bath Tub
El Molino de Viento

Windmill
Before electricity, these machines harnessed the power of the wind to pull groundwater from the aquifer below

El Molino de Viento
Windmill
La Basura

Litter
This is a type of non-point source pollution, usually in the form of small items like drink bottles, straws, and chip bags

La Basura
Litter