

# ACTIVITY BOOK

SOUTH SAN JOAQUIN IRRIGATION DISTRICT



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IRRIGATION DISTRICT



# WELCOME

TO THE WORLD OF WATER, FARMING, AND FUN!

**HI THERE!** I'm Dewy the Water Drop, your guide, teammate, and splashy sidekick through this activity book. I might be small, but I've got BIG responsibilities!

I travel all over the South San Joaquin Valley, helping water get where it needs to go, through canals, pipes, sprinklers, and even rainclouds! Whether I'm watering a thirsty almond tree, helping a sunflower stretch to the sky, or taking a wild ride through an irrigation canal, I'm ALWAYS on the move.

**Here's the best part:** **YOU** get to help me on my journey! We'll play games, solve puzzles, color awesome scenes, and learn how water makes farming and much more possible right here in your community!



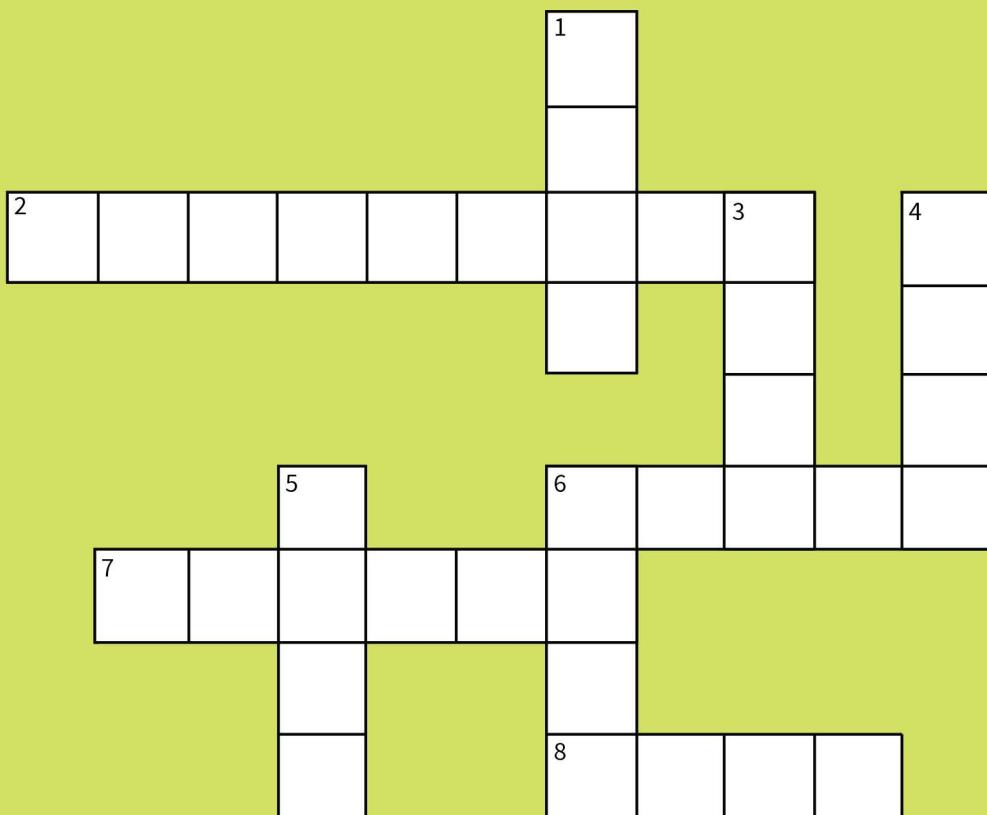
# HOW WATER HELPS THE FARM

**Can YOU crack the code of how farms get their water?**

Water doesn't just magically appear in the fields (unless you're a raincloud in disguise). Using water provided by the South San Joaquin Irrigation District, clever tools like canals, pumps, and even drip hoses help farmers keep their crops happy and hydrated!

**Directions:** Use the clues to fill in the blanks across and down.

**HINT:** Every word is something that helps farms use water!



**DOWN:**

1. A deep hole that brings water from underground.
3. Water that falls from the sky.
4. The dirt where plants grow.
5. A slow way to water plants drop by drop.
6. A plant that farmers grow to eat or sell.

**ACROSS:**

2. A tool that sprays water in all directions.
6. A man-made water path that helps farms get water.
7. A person who grows food and takes care of the land.
8. A machine that moves water where it's needed.

Find the answers on the last page.

**FUN FACT:** SSJID sends millions of gallons of water through canals to help farmers grow crops like almonds, pumpkins, grapes, and tomatoes right here in the Valley! That's farm-fresh power from the waterflow!

# CANAL MAZE



Dewy the Water Drop is starting his journey at SSJID, ready to deliver water to thirsty farms across the Valley!

He'll flow through twisty canals, past cornfields, under bridges, and around farm equipment.

But WATCH OUT! Floating logs, sticky weeds, sneaky trash, and playful water bugs try to slow him down.

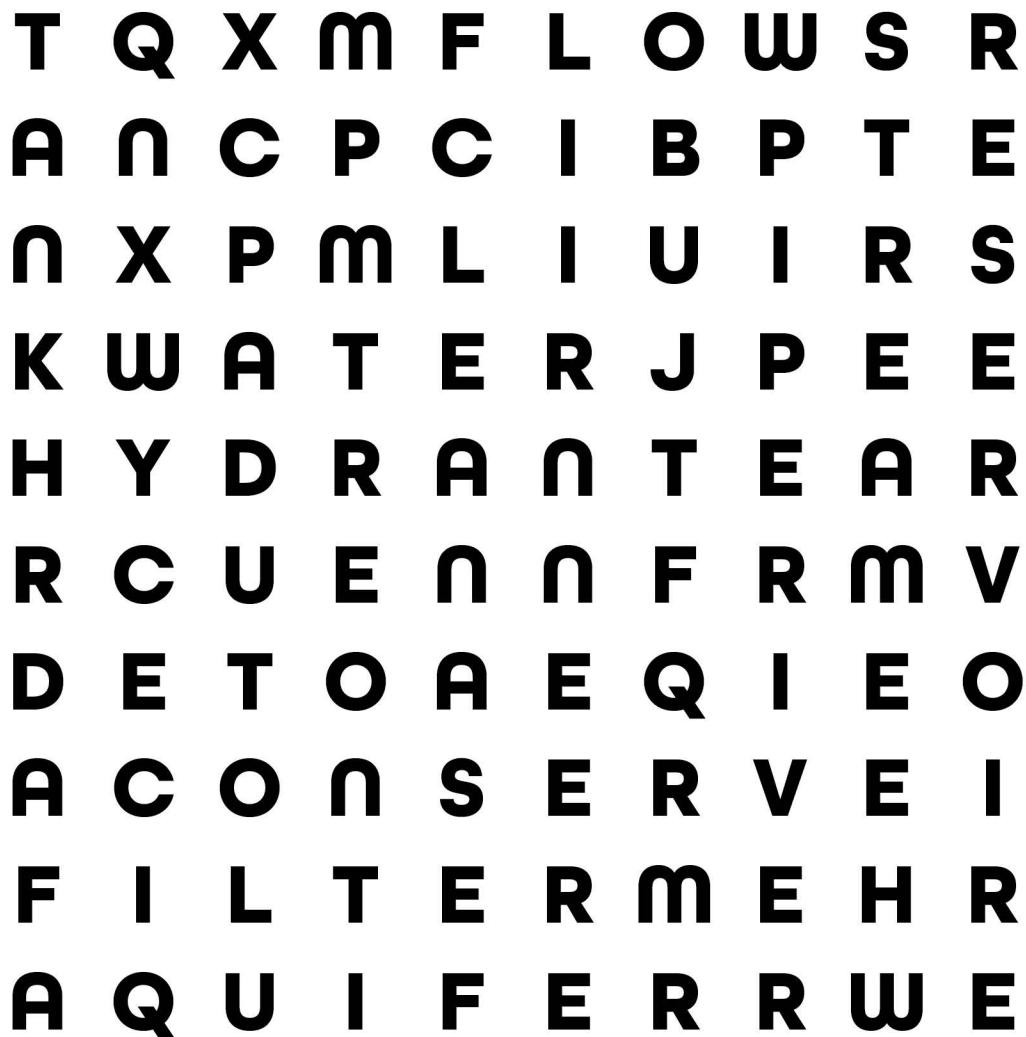
Can you help Dewy reach the farms with all the water safe and sound?



# WATER IN OUR COMMUNITY

**Water, water, water everywhere. Can you find it in this puzzle?**

Hunt for the amazing ways water moves, gets stored, and keeps your community running!



RIVER  
AQUIFER  
RESERVOIR

FILTER  
WATER  
STREAM

CONSERVE  
HYDRANT  
TANK

CLEAN  
FLOW  
PIPE

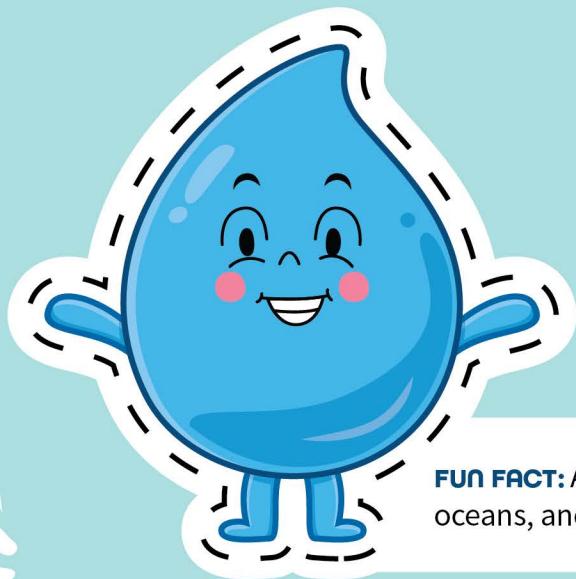
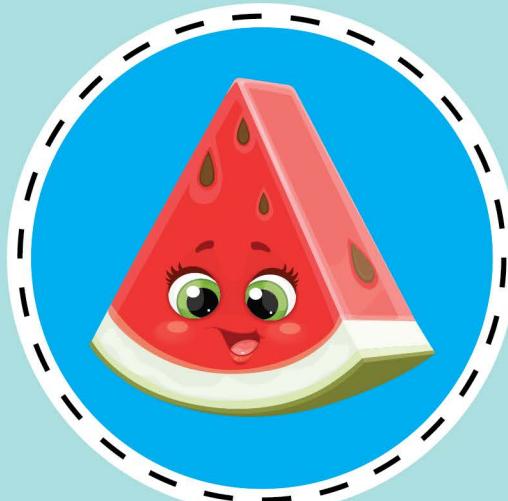
Find the answers on last page.

**FUN FACT:** The word “aquifer” comes from Latin. “Aqua” means water, and “ferre” means to carry. Think of an aquifer like a giant underground water bottle for the Earth! SSJID helps make sure that water flows from these hidden “bottles” to farms and communities across the Valley.



# DEWY & FRIENDS

Water keeps you going and helps plants come to life! Cut out Dewy the Water Drop and his splashy crew, attach them to popsicle sticks, and use them for fun activities and creative storytelling.



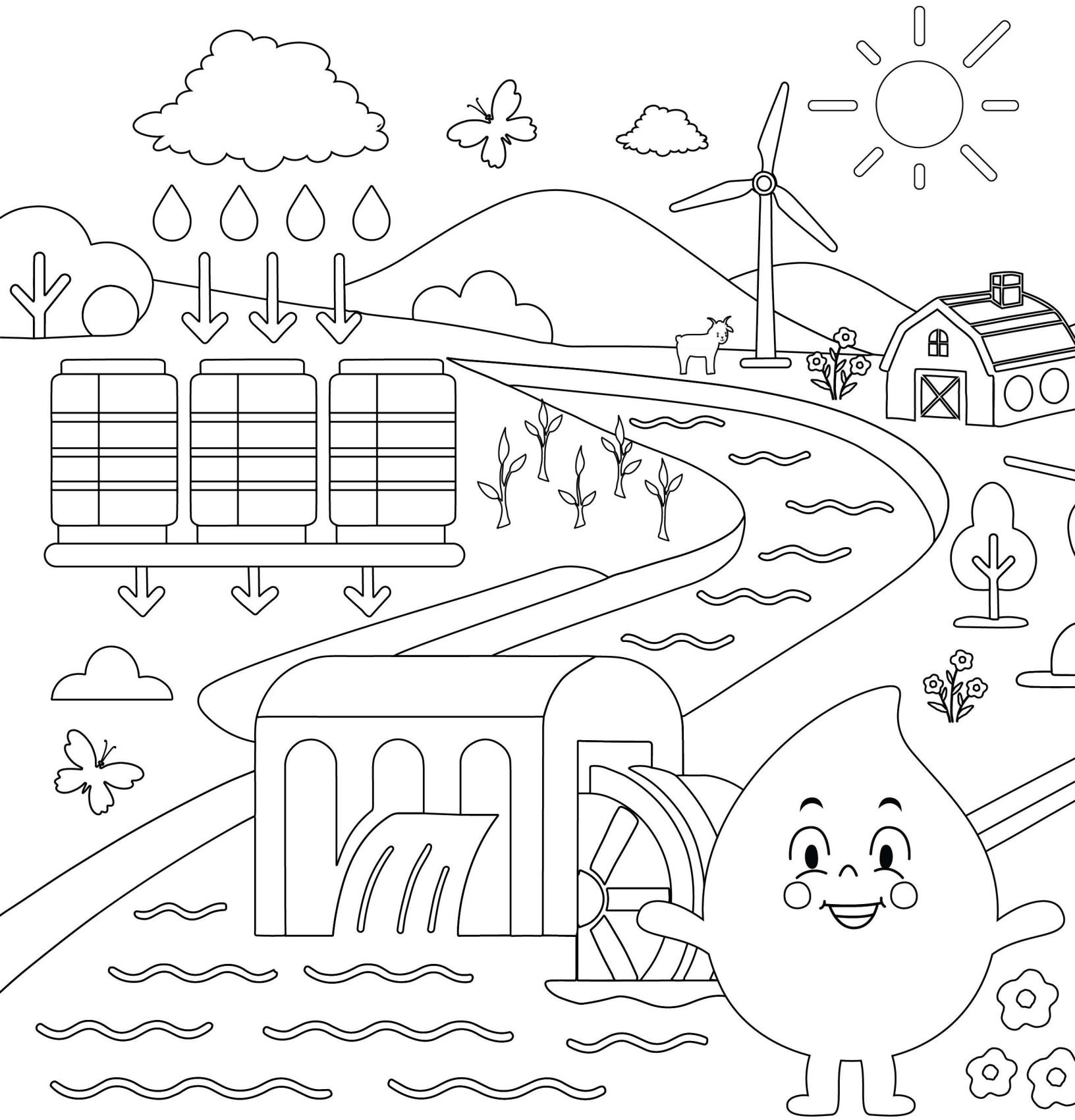
**FUN FACT:** A single drop of water might travel through clouds, rivers, oceans, and even underground before it gets to your tap. What a journey!

# WATER HAS SUPERPOWERS!



It can flow through dams to create clean energy, power entire towns, grow giant crops, and even carve canyons.

Color in the amazing ways water helps our world, from keeping us hydrated to turning turbines.



# OH NOOOOO WE LOST DEWY!

Find the answers on last page.



One minute he was helping water the crops, and the next POOF! He vanished into the farm! He could be hiding behind a haystack, riding a tractor, or playing hide-and-seek with the cows. **Can YOU find Dewy on this busy farm?**

Hint: There are 7 versions of Dewy. While you're at it, keep your eyes peeled for these tricky tagalongs: the corn and lightbulb



**FUN FACT:** Did you know that 70% of the world's freshwater is used for agriculture? That's why every drop counts, just like our friend Dewy!

# MATCH GAME

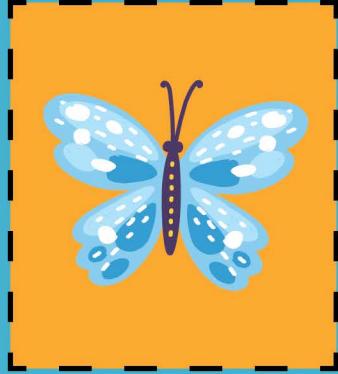
Get ready to test your memory AND learn how water helps our farms grow with this match-it-up game starring Dewy the Water Drop and his garden gang!

## How to Play:

1. Cut out all the cards along the dotted lines (there should be 2 of each item!).
2. Shuffle them up and place them face down in neat rows.
3. Flip over 2 cards at a time. If they match, great job! Keep the pair. If they don't, flip them back and try to remember where they were.
4. Keep going until you've matched them all!

Playing solo? See how fast you can match them all, then mix them up and try to beat your best time!

Playing with a friend? Take turns flipping 2 cards each. Whoever gets the most matches wins!



# Why were the student's grades underwater?

**They were all below C level.**

## What runs, but never walks?

## Water!

## What do you call a spy in shallow water?

## Pond. James Pond.

**Did you ever hear the  
joke about the three  
holes in the ground?**

**Well, well, well.**

## Why does water never laugh at jokes?

**It isn't a fan of dry humor.**

# GAME ANSWERS



**H<sub>2</sub>O is water,  
but what is  
H<sub>2</sub>O<sub>4</sub>?**

**Drinking,  
bathing,  
washing,  
swimming!**

A word search puzzle with the following words: TOWER, FILTER, HYDRANT, CONSERVE, AQUIFER, WATER, and RIVER.



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11011 E. Highway 120, Manteca, CA 95336  
(209) 249-4600 • [ssjid.gov](http://ssjid.gov)