



# CCS Energy and Water Management Program Summer 2022 Focus

## PUT NUMBERS TO YOUR ACTIONS AND CALCULATE YOUR SAVINGS AT HOME!

This summer you can refocus on saving energy and water at home. First make sure all your great energy and water saving actions are still being done and then do an energy and water audit to see how much your actions are saving you!



### SUMMER ENERGY AND WATER SAVING TIPS

**Don't leave the water running:** When you're brushing your teeth, try not to keep the water running the whole time. Also, make sure you turn the faucet all the way off when you're done to keep it from dripping.

**Plants need water, too:** If you have leftover water in your glass, don't dump it down the drain- use it to water your household plants.

**Unplug it:** After you finish using an electronic, remember to unplug it if you do not need to charge the device. Electronics still pull energy even when left plugged in and turned off.

## ENERGY AND WATER SAVING HOME AUDIT

Think you have what it takes to be an energy and water detective? Put your skills to the test with this home energy and water audit! Check each room in your house to see what actions you can do to save energy and water.



### WHAT IS AN ENERGY AND WATER AUDIT?

An audit is like a report card for your home that tells you how much energy or water your home is using. You can do an audit by checking places in your home that use energy and water. This helps you figure out what you can do to save energy and water.

## GO THE EXTRA MILE! FIND AN ADULT AND CHECK YOUR TOILET FOR SILENT LEAKS



### DOES YOUR TOILET HAVE A SILENT LEAK?

LEARN MORE AT [WWW.EPA.GOV/WATERSENSE](http://WWW.EPA.GOV/WATERSENSE)



1

Add a few drops of food coloring into your toilets tank and wait 10 minutes.



2

If the color shows up in the bowl, you have a leak that can probably be fixed by replacing a worn toilet flapper.



3

Don't forget to flush afterwards to remove the dye!

# Energy and Water Saving Home Audit

Use the checklist to see how many energy and water saving actions you've completed in your home. Try to check off as many boxes as you can throughout the day!



## ALL ROOMS

- Window check:** Make sure your windows are closed in every room if it's hot outside and the AC is turned on.
- Keep the Lights Off:** If you have windows in a room, try keeping the lights off during the day and use the light from sun instead.
- Water the Plants with Leftover Water:** If you have plants in any of your rooms, you can give them your leftover drinking water instead of pouring it out.
- Flip the Switch:** Make sure you turn the lights off when you leave the room to save energy!
- Check for Leaks:** Bathroom, kitchen, and outside- all these locations have water fixtures that can leak. Tell your parent or guardian when you see a leak.
- Unplug Electronics:** Did you unplug your chargers (phone, laptop, etc.) when you're not using them?

## KITCHEN

- Keep the Fridge Door is Closed:** Also try and decide what you want before opening the fridge and letting the cold air out.
- Only Run Full Loads:** Run the dishwasher when its full, which is the most water efficient option compared to when it is partially full or hand washing.



## BATHROOM

- Turn off the Tap:** Did you turn off the water while brushing your teeth?
- Shorten your Shower:** Get your timer ready, time to skip the bath and take a 5-minute shower!

## OUTSIDE

- Air Dry your Laundry:** If it's a nice sunny day, ask your parents to hang the laundry to dry outside or in the laundry room instead of using the dryer.
- Let the Rain do the Work:** Put out a rain gauge or rainwater collector. After it rains, check to see if you got 0.5 to 1 inch of water, and if you do, skip watering the grass or plants for the week.
- Water Wisely:** Do you have a garden or grass that needs watering? Only water in the morning or evening when the sun is low to prevent the water from evaporating in the high heat.



**Energy & Water Junior Detective**   
1-4 Boxes Checked

**Energy & Water Senior Detective**   
5-9 Boxes Checked

**Energy & Water #1 Special Investigator**   
10-13 Boxes Checked

If you want to get the Senior Detective silver badge, go back and see which boxes you're missing. There's always a chance to get more points!

If you want to get the #1 Special Investigator gold badge, go back and see which boxes you're missing. There's always a chance to get more points!

Great job and keep up the great work! Staying #1 means keeping up on your energy and water saving behaviors.

## I Spy...

Can you spot places in the house that use energy and water? Color the water using devices and fixtures in blue and the energy in yellow. Then, think about places in **your own home** that use energy and water. [Hint: lights use energy!]



Bedroom

Bathroom



Kitchen

