

# PUBLIC WORKS

## WORKS FOR YOU!



City of Centennial

Hi Pothole.  
What are you doing?



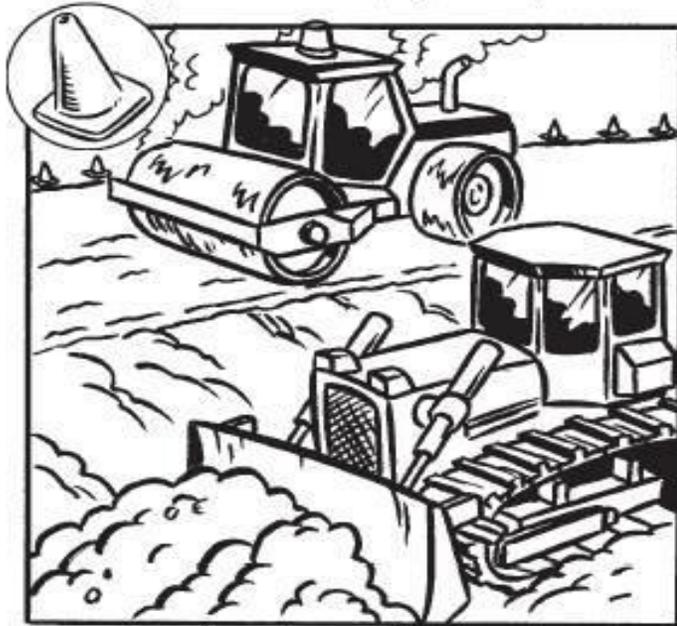
Let Pothole the Public Works Pooch show you  
Public Works in action.



## Public Works does a lot for our community

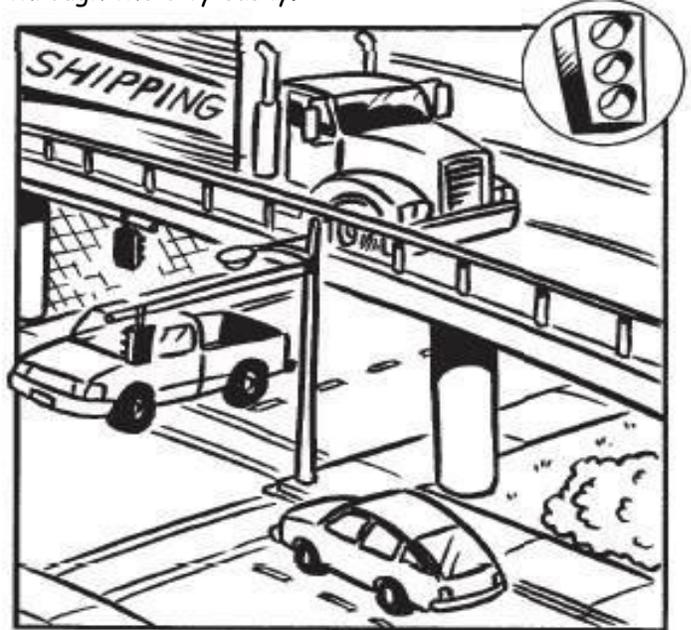
### Road Construction

This Division designs, builds, and maintains roads. They also make the roads we have wider, safer and maintain our roads by filling potholes and laying new asphalt.



### Traffic and Transportation Planning

The Traffic Division maintains the signs, signals, and striping needed to keep people safe on the roads. Transportation planning helps vehicles and people move through the City easily.



### Solid Waste

This Division makes sure solid waste (garbage) is taken care of by recycling, reusing, donating things, composting, or sending it to a landfill.

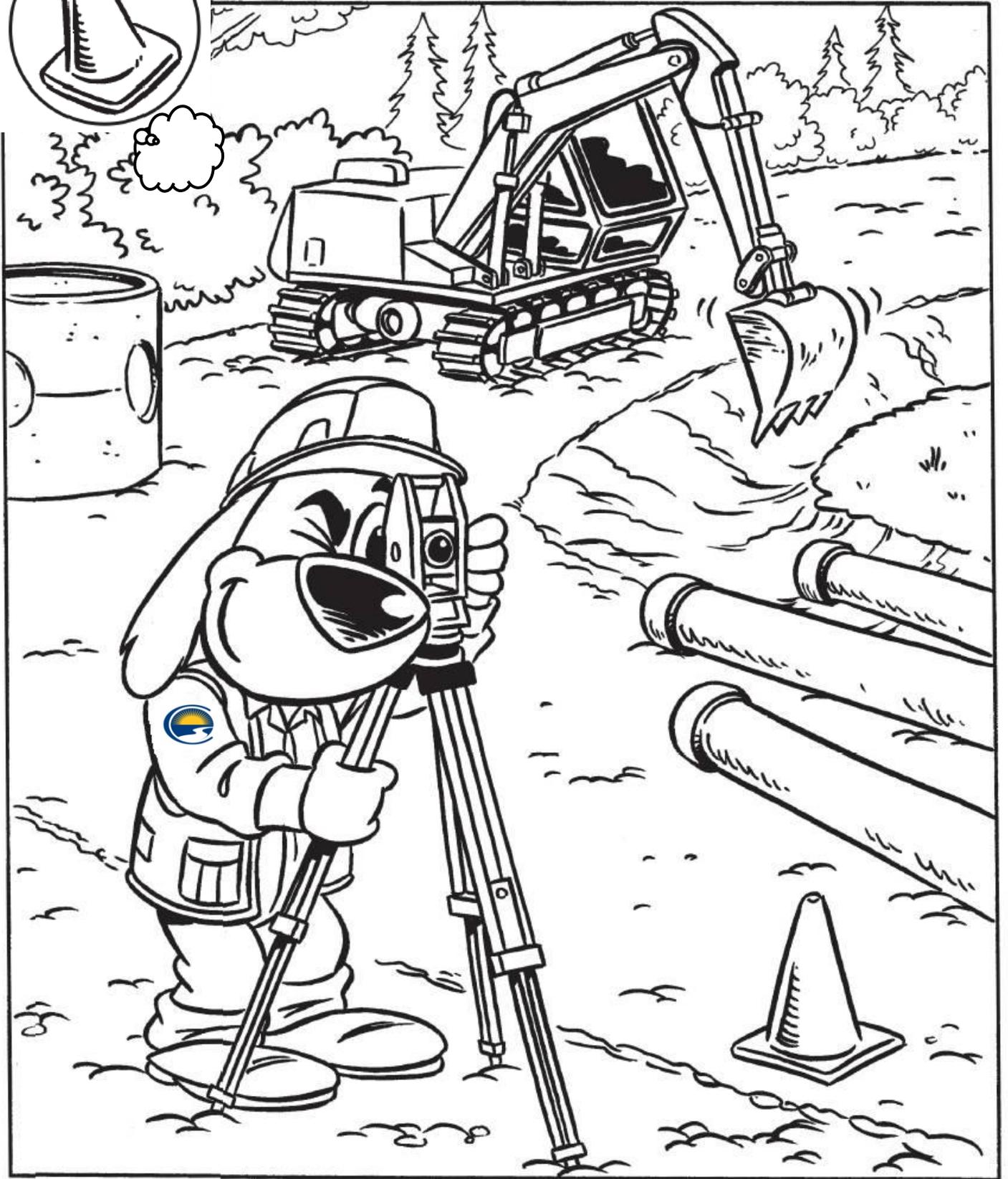


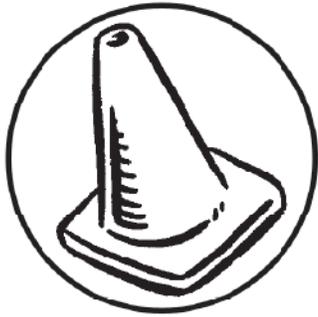
### Stormwater

The Stormwater Division keeps our roads and from flooding during rainstorms and helps keep our waterways clean.

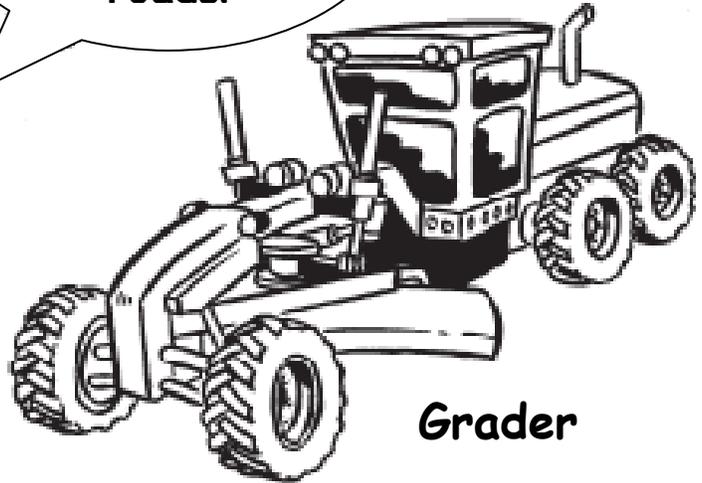


Building a road takes exact measurements and careful work.

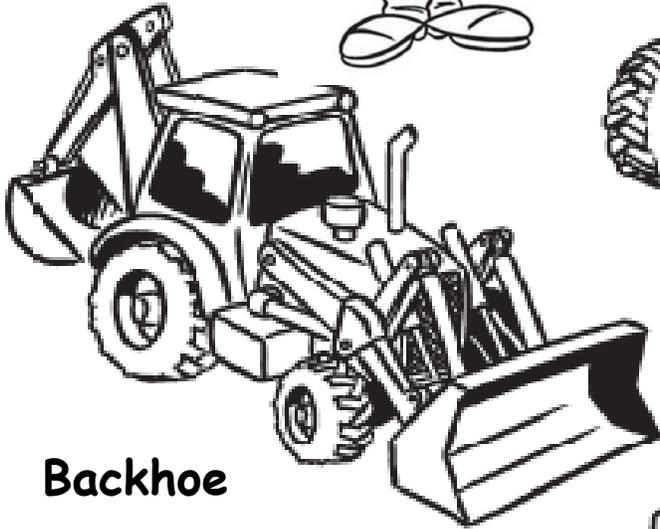




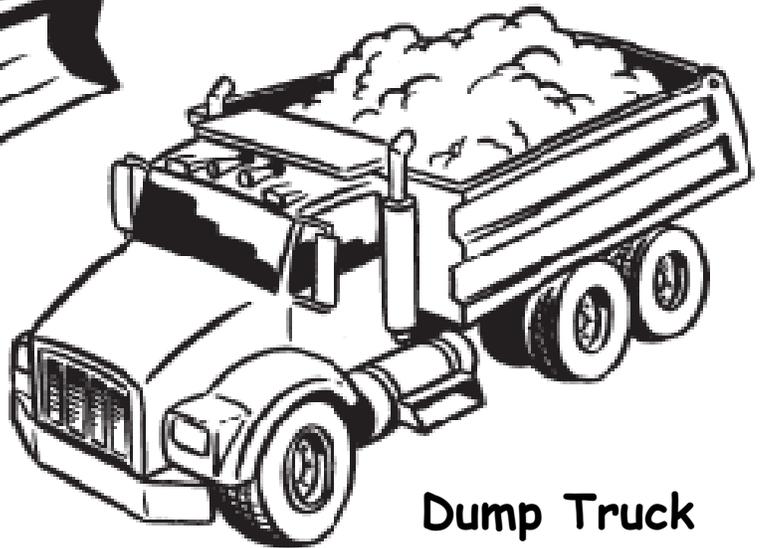
Big trucks  
make big  
roads!



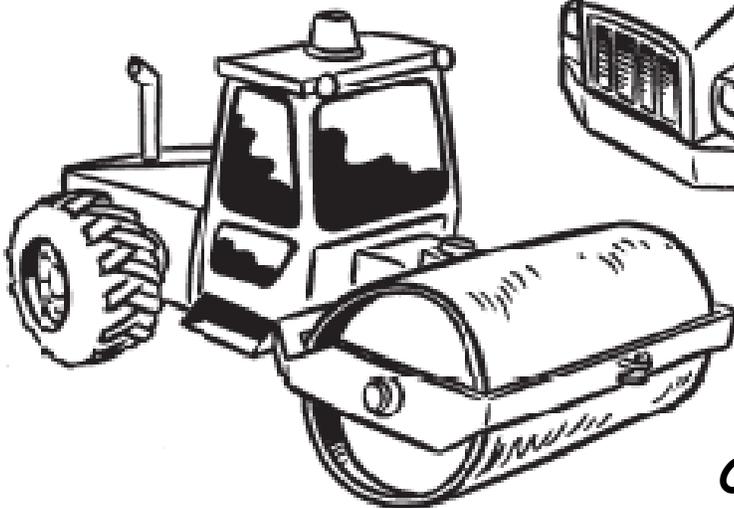
**Grader**



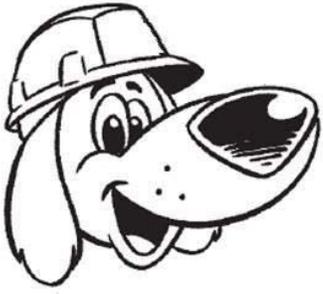
**Backhoe**



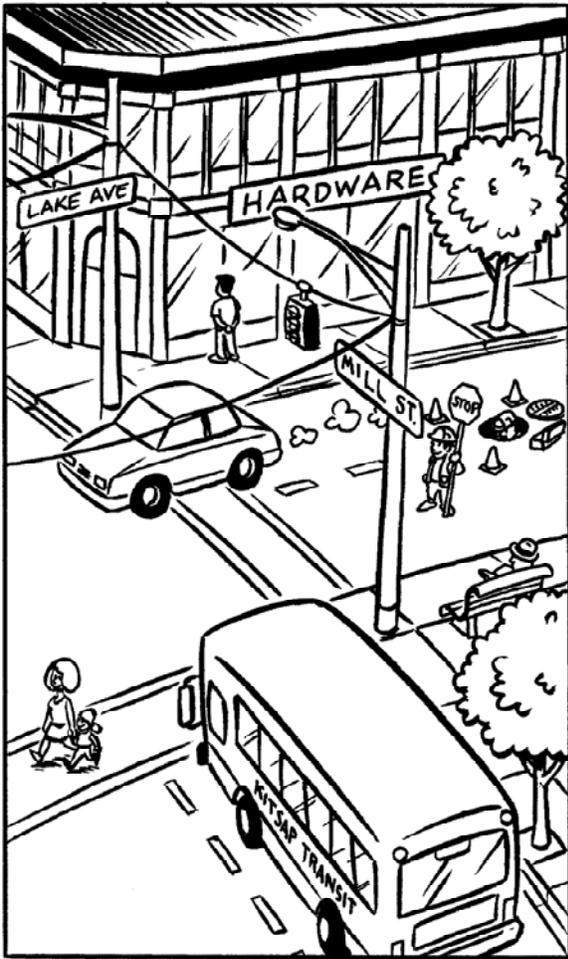
**Dump Truck**



**Compactor**



Circle the differences between the pictures (hint: there are 10).



List some things in the pictures about traffic or transportation:

\_\_\_\_\_

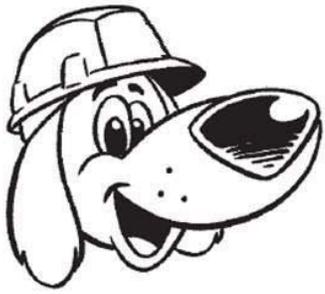
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

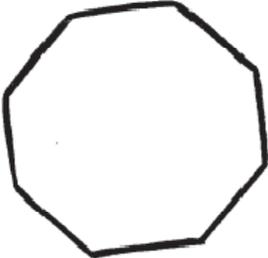
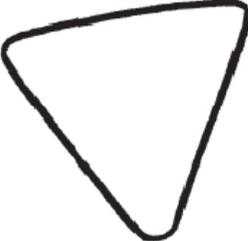
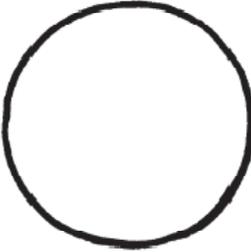
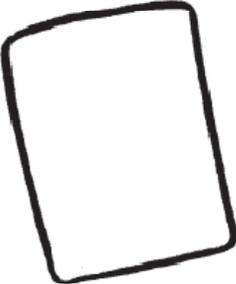
\_\_\_\_\_

\_\_\_\_\_



Match the shape in the first column with what goes in the sign from the second column.





# Safety Message Wheel

Start with the letter indicated and write every other letter as you go around the wheel to find the hidden message.

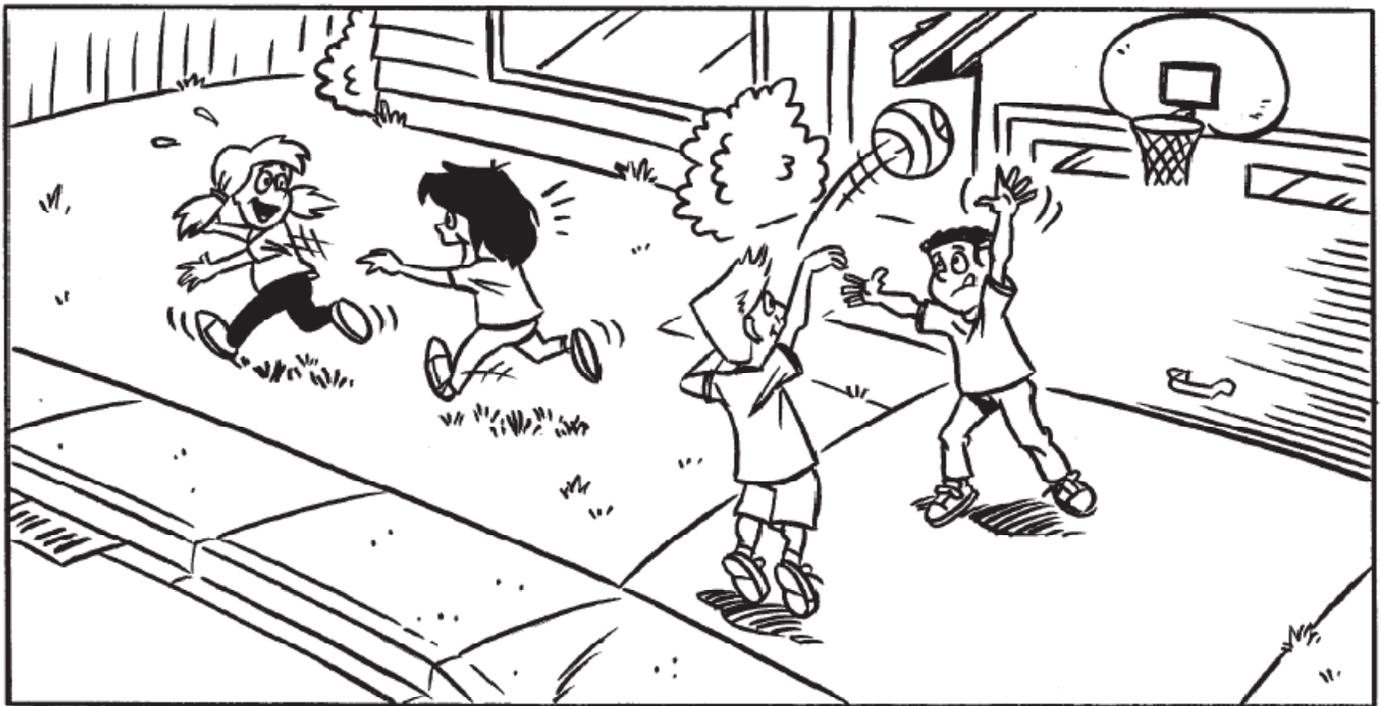


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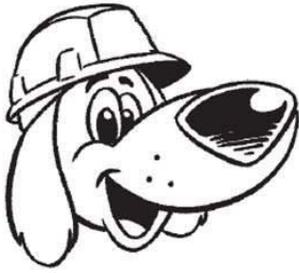


Trash, garbage, waste . . . most of it ends up in a landfill. Things that are reusable and recyclable are removed. The rest of the garbage is smashed together, which is called compacting, and then is sent to a landfill.



Recycling is a great way to save natural resources, energy, money and landfill space. Instead of throwing thing into a garbage can, put them into the recycling bin. You can start with newspaper, cardboard, glass (bottles or jars of any shape or color), cans (aluminum and steel), white paper and magazines. You can usually recycle plastics numbered 1-7, (water bottles, shampoo/conditioner, milk jugs), by reading the number in the symbol. Plastic shopping bags can be returned to many stores for recycling.





Some dangerous things hide in your house and garage. Can you find all the hidden words? They are tricky so be sure to look up, down and backwards!



SIGNAL WORDS  
THERMOMETER  
PESTICIDE  
DANGER

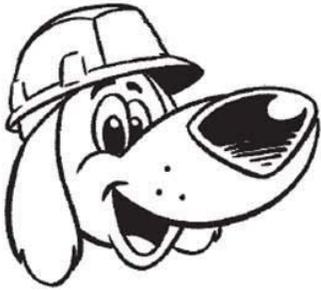
BATTERY  
CAUTION  
WARNING  
POISON

ANTIFREEZE  
CLEANERS  
PAINTS  
TOXIC

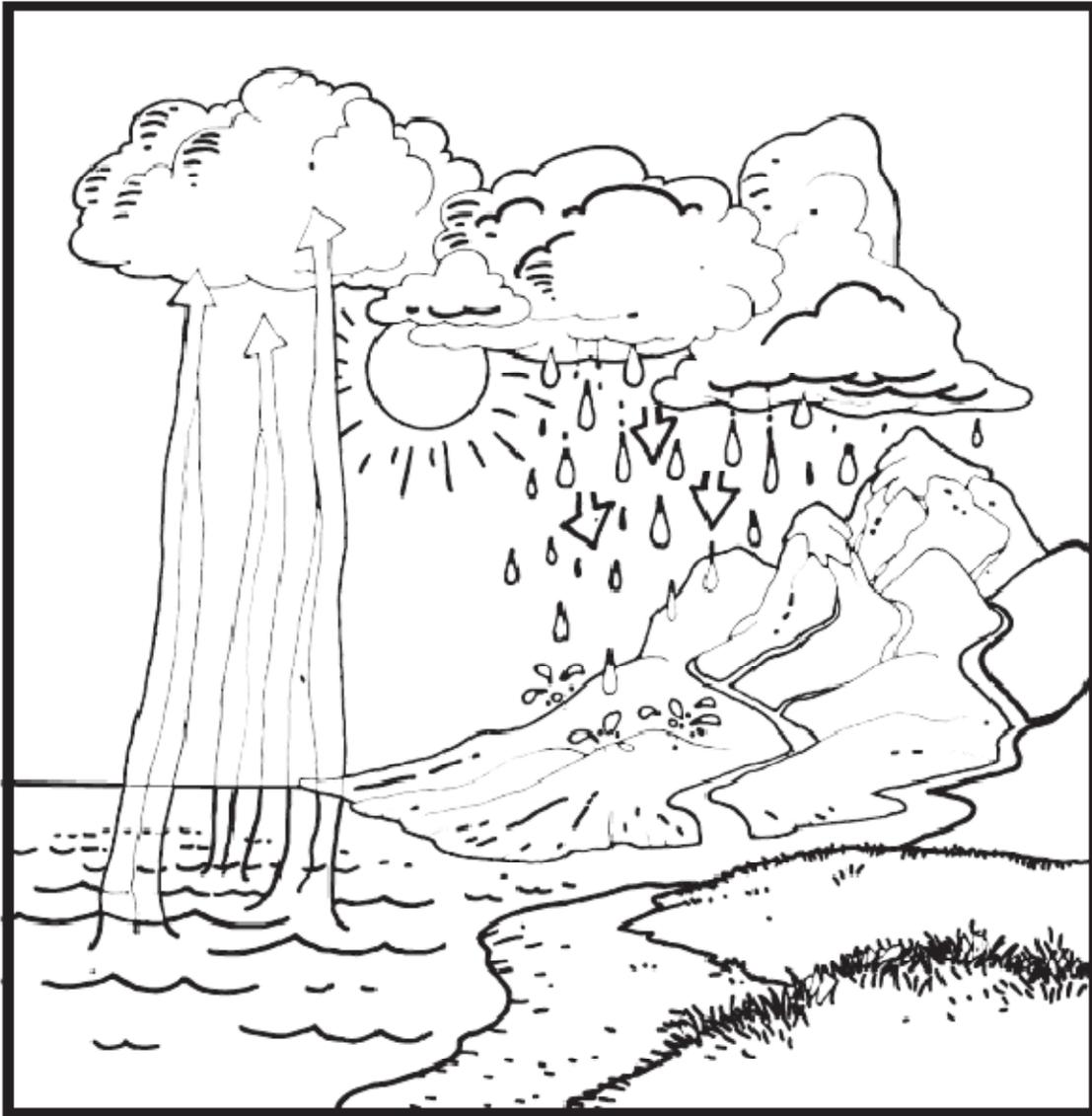
OIL  
FERTILIZER  
CORROSIVE  
FLAMMABLE

D	F	E	C	O	R	R	O	S	I	V	E	G	K
J	E	W	N	L	Q	P	S	E	T	U	C	X	A
J	R	T	T	K	H	P	Y	F	A	X	W	P	M
I	T	Y	O	I	L	Z	D	S	J	U	L	O	E
F	I	Q	X	S	U	C	V	I	U	E	R	I	J
L	L	S	I	G	N	A	L	W	O	R	D	S	V
A	I	A	C	S	D	U	G	A	R	J	T	O	X
M	Z	W	C	V	L	T	U	R	Y	W	Q	N	C
M	E	A	J	S	M	I	E	N	W	O	P	Q	E
A	R	C	F	E	T	O	U	I	K	A	S	W	D
B	C	L	V	B	X	N	N	N	I	K	Q	C	I
L	Z	E	M	Y	D	A	N	G	E	R	I	Y	C
E	G	A	N	T	I	F	R	E	E	Z	E	W	I
I	K	N	L	J	X	Z	A	E	R	O	T	K	T
T	H	E	R	M	O	M	E	T	E	R	L	W	S
U	Y	R	E	T	T	A	B	X	E	A	I	J	E
L	F	S	F	J	U	Y	Q	S	T	N	I	A	P

## Where does water come from?

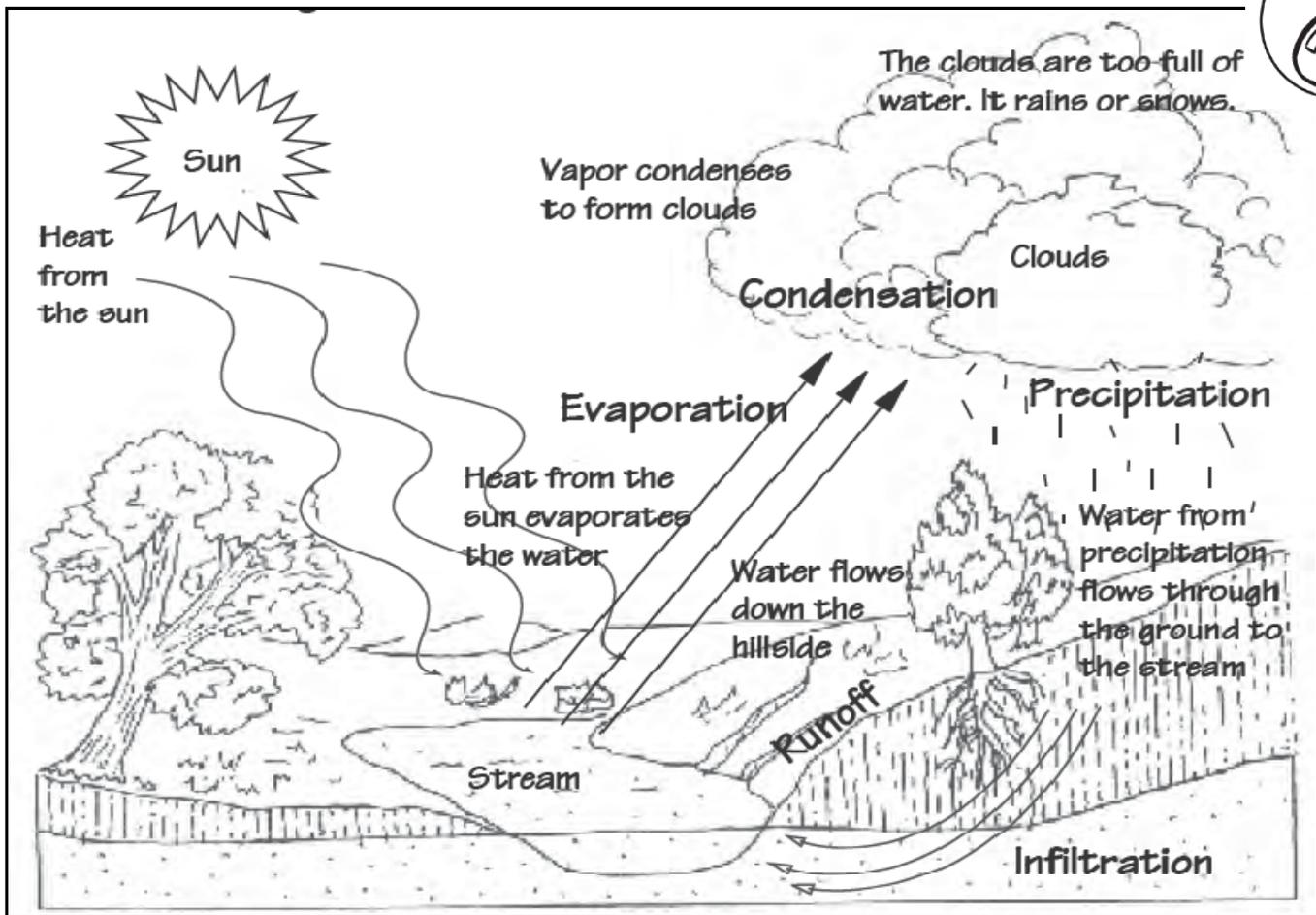


Color the sun yellow.  
Color the clouds gray.  
Color the rain blue.  
Color the mountains brown.  
Color the streams and the rivers blue.  
Color the arrows black.



Water moves in a cycle. Water falls to earth as rain, snow, and other forms of precipitation. It evaporates (fades away) into the air, forms clouds, and falls back to earth again as fresh water.

# The Water Cycle



Match the words to the meanings.

A. When the rain reaches the earth it flows across the land into lakes, streams and oceans.

\_\_\_\_\_ Evaporation

B. The sun heats surface water. The water becomes vapor that rises into the atmosphere.

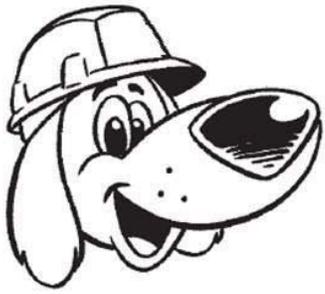
\_\_\_\_\_ Condensation

\_\_\_\_\_ Precipitation

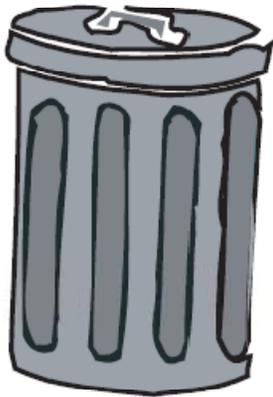
C. Liquid is heavier than vapor. Gravity pulls the liquid down to earth as rain or snow.

\_\_\_\_\_ Runoff

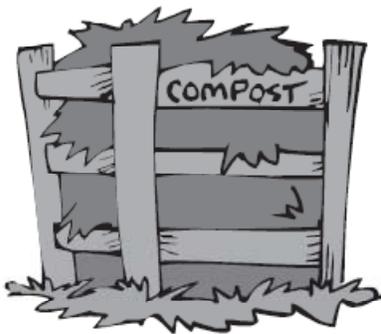
D. Water vapor forms clouds. When the clouds cool, the vapor becomes liquid.



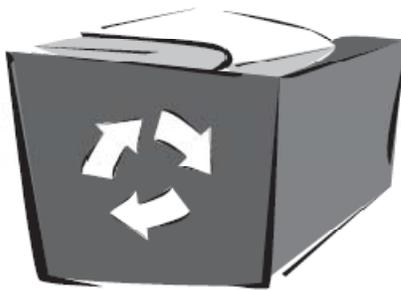
Proper disposal of our waste keeps it out of our stormsewer systems and our streams. Draw a line from the waste to the proper disposal place.



Trash



Compost



Recycle





Use the words from the list below to complete the tips on how each of us can help prevent stormwater pollution.



1. \_\_\_\_\_ the car on the lawn or at the car wash, so dirt, oil and soap don't end up in the storm drain.
2. \_\_\_\_\_ your parents take leftover paint and antifreeze and old batteries to a household hazardous waste collection facility.
3. \_\_\_\_\_ waste by recycling all items possible, like glass, plastic, aluminum cans and newspapers.
4. \_\_\_\_\_ the driveway instead of hosing it off to keep debris out of the storm sewer.
5. Ask your parents to \_\_\_\_\_ used motor oil.
6. \_\_\_\_\_ pet waste and put it in the trash rather than leaving it on the ground.
7. Make \_\_\_\_\_ out of grass clippings, leaves, fruit rinds, used coffee grounds and use it in your garden for nutrients.
8. Water the lawn for \_\_\_\_\_ periods to prevent runoff

PICK UP

SHORTER

REDUCE

RECYCLE

SWEEP

HELP

WASH

COMPOST



Pollution is carried by stormwater to our streams where it hurts many living things. Unscramble the words below to find some of the life affected by stormwater pollution.



EPEPLO \_\_\_\_\_

IDRBS \_\_\_\_\_

ORGFS \_\_\_\_\_

SNAPLT \_\_\_\_\_

HFIS \_\_\_\_\_

UTRSTEL \_\_\_\_\_

USBG \_\_\_\_\_

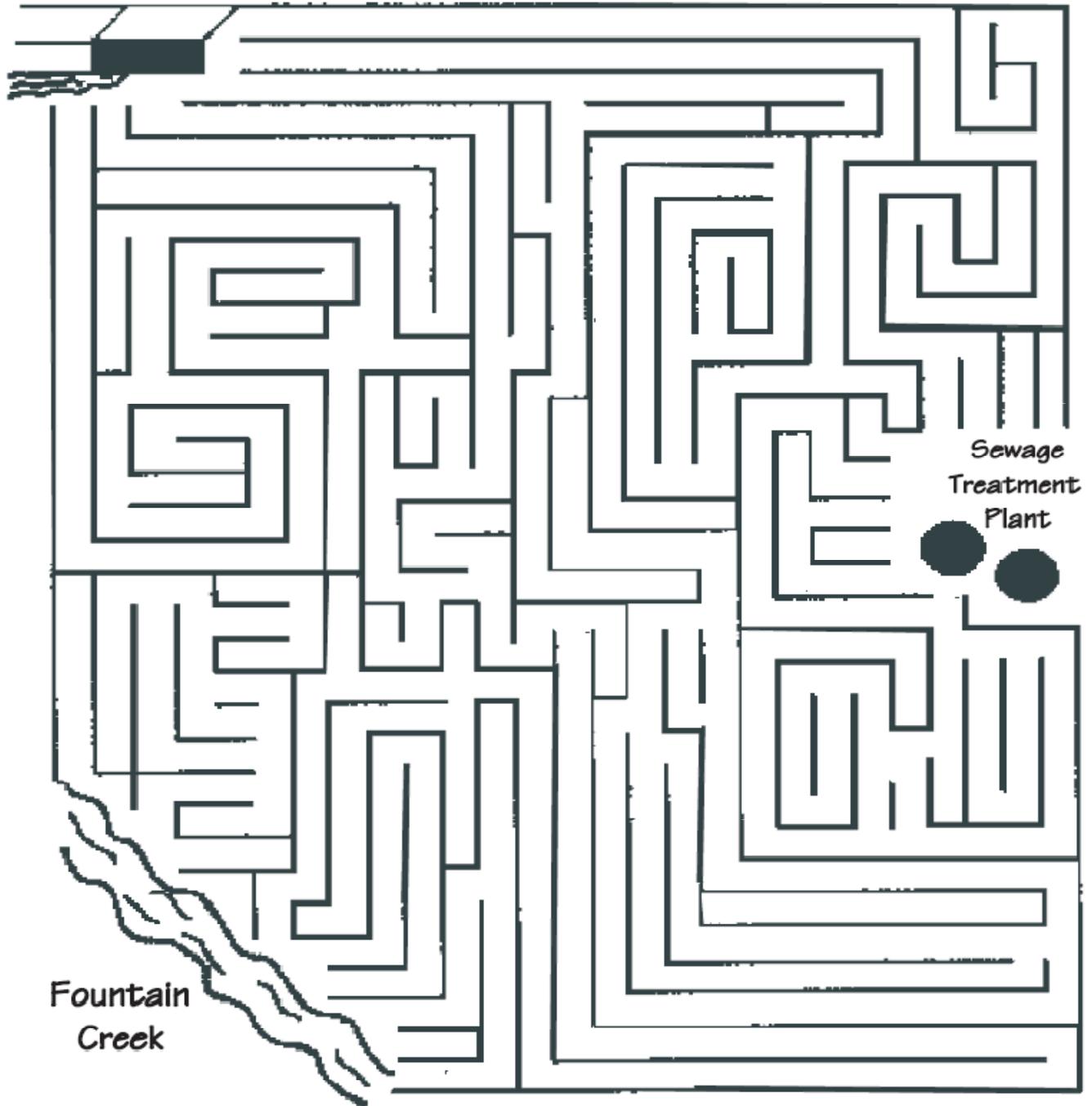
BRATBIS \_\_\_\_\_

ERDE \_\_\_\_\_

SEPT \_\_\_\_\_

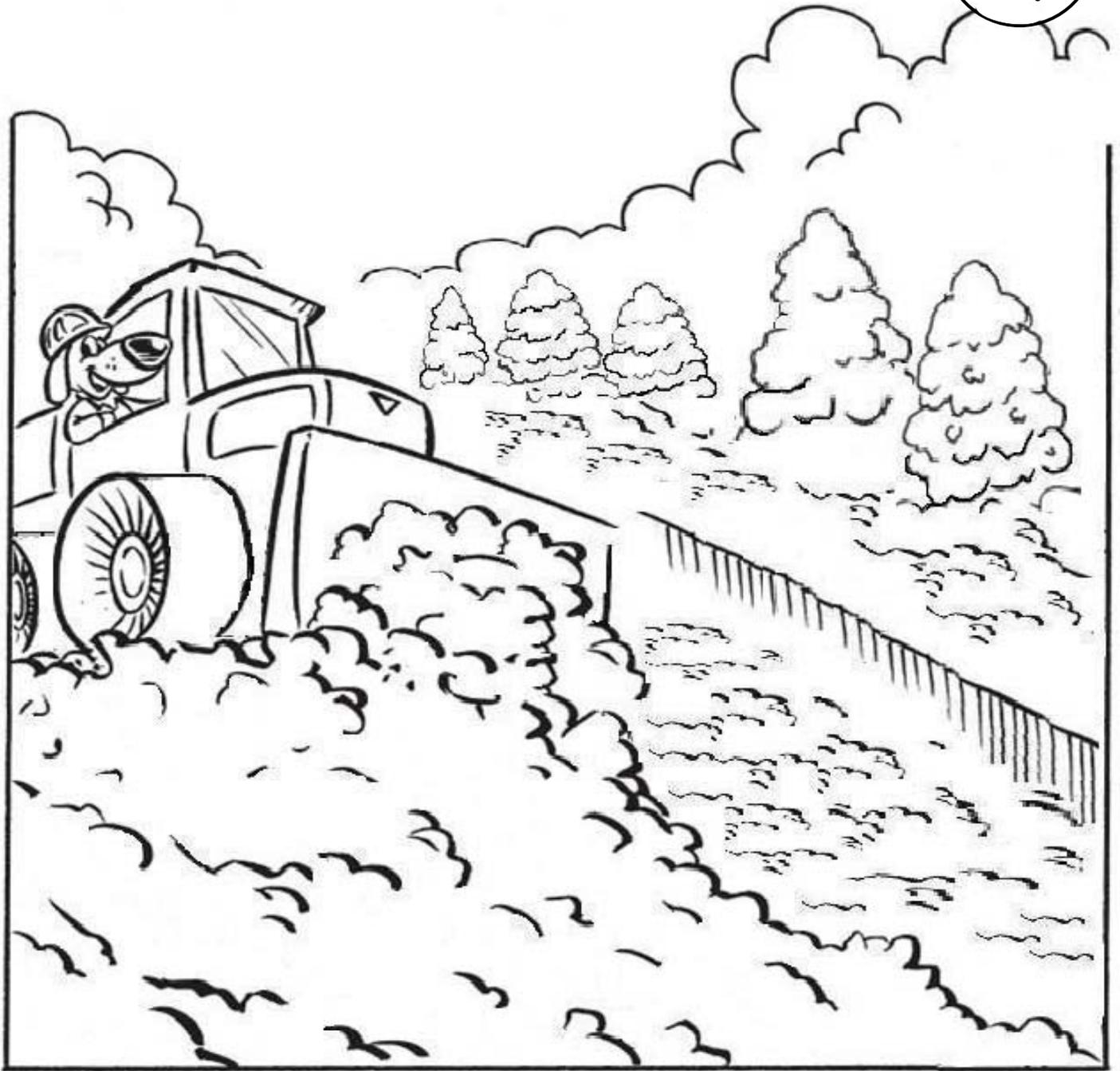
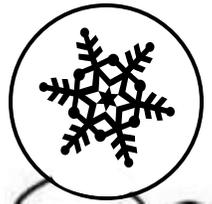
UKSCD \_\_\_\_\_

Everyone knows that water flows. But who knows where the goes? Follow the gutter water through the storm drain system to find out.



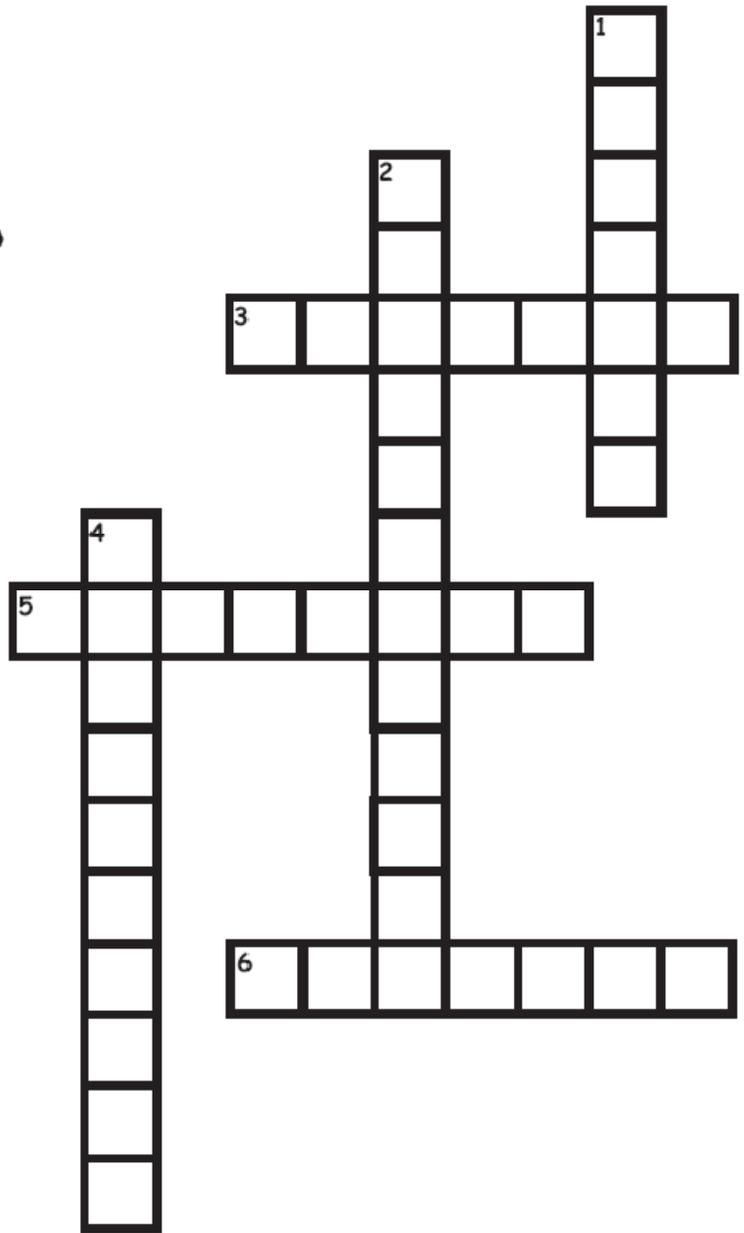
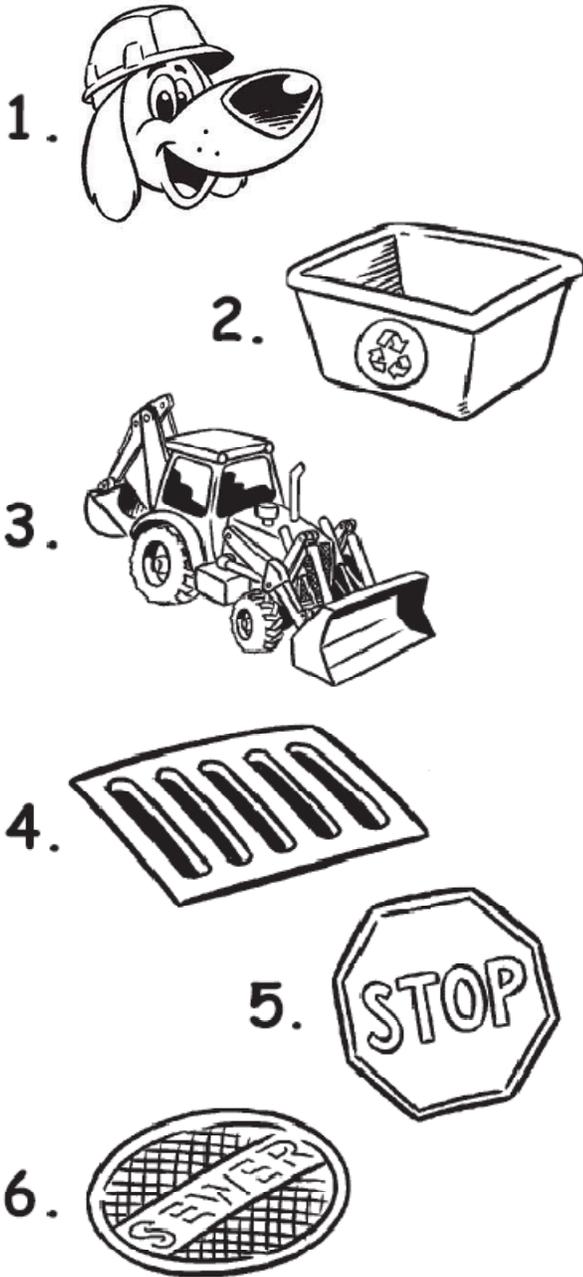
Does gutter water go to the sewage treatment plant or to the creek? \_\_\_\_\_

# Snow Removal



Crews plow the snow on streets so cars, trucks and emergency vehicles can drive easier on the streets. Usually the crews work throughout the night while you are sleeping.

Use the pictures to solve the crossword.



Answers: 1. Pothole 2. Recycling Bin 3. Backhoe 4. Stormdrain 5. Stopsign 6. Manhole

Wow!  
Public Works people  
are everywhere!  
Thanks for showing us  
what they do for our  
community!





# City of Centennial

Dear Parent(s):

This activity book was created to introduce children to an important part of our community, the Public Works Department. Not all activities showed in this coloring book are provided by the City of Centennial. They have been included to show the wide range of activities that make our community a great place to live.

Children often wonder:

- What makes traffic lights change color?
- Where does the garbage go after the garbage truck picks it up?
- What happens to all the rainwater?
- Who takes the snow off the roads?
- How do roads get made?

By helping children answer these questions, they gain a better understanding of the world around them and how their actions affect the environment and our quality of life.

The Public Works department works hard every day and is all around you. The department operates under the City's values and shares its mission to provide a high quality of life for citizens, delivering superior customer service and achieving the highest professional standards.

If you have additional questions, comments or need additional information, please visit our website, [www.centennialcolorado.com](http://www.centennialcolorado.com), or contact us at our 24-Hour Call Center, 303-325-8000.

Sincerely,

The City of Centennial Public Works Department, SEMSWA  
and  
Pothole the Public Works Pooch

