



What you should know about  
**lead in your water**



Important information for parents and children

# Help Splashy find all of the water words.



CONSERVATION  
DRINK  
IRRIGATION  
LIBERTY

FIX LEAKS  
FAUCET  
TOILET

PLUMBING  
WATER PIPES  
SAFETY

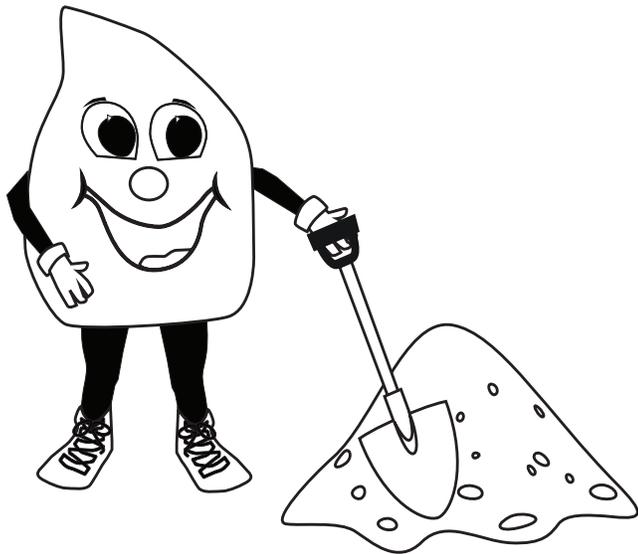
F O B Q S E C L L K K Q I Z X  
C N W F L Q O U F S A F E T Y  
J D W G W Y N P B J Y L K L N  
Z P V F A H S W A H T O U P H  
R Y U A T I E I D K S T Y I T  
O P W U E X R H O M E Q V E O  
Y L D C R L V R D R V L X F I  
B U R E P I A X I X U V Q L L  
J M I T I B T I B G H O I V E  
M B N F P E I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

# Lead is a kind of metal.

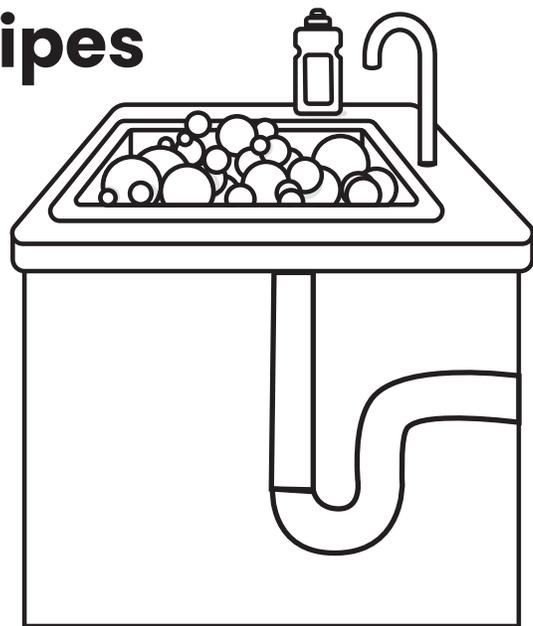
It may be in many things, inside or outside.  
But we **cannot usually see it** with our eyes.

Color the images to become familiar with where lead can be found.

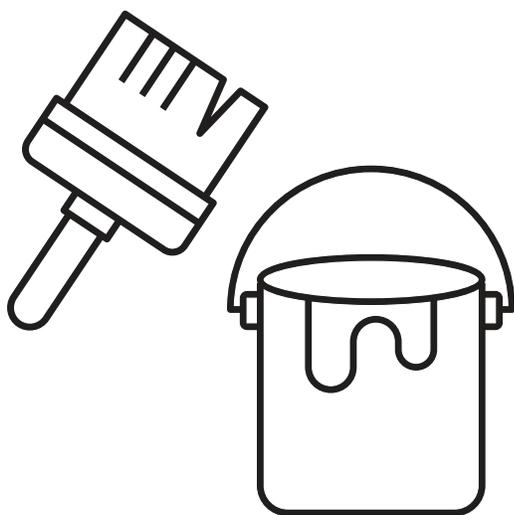
## Dirt



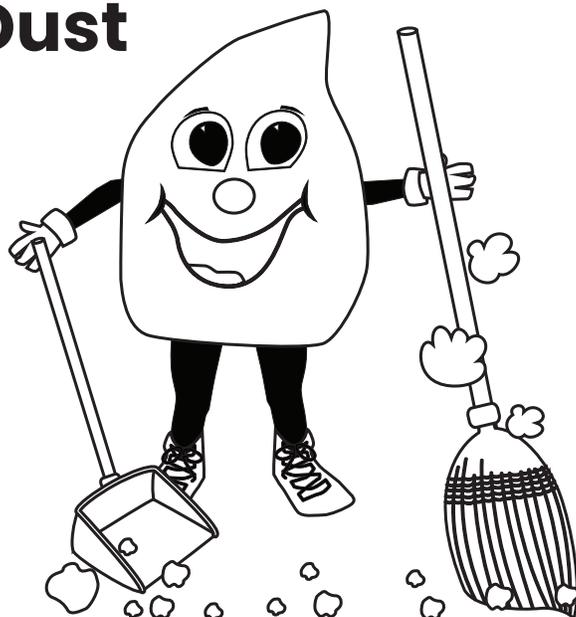
## Pipes



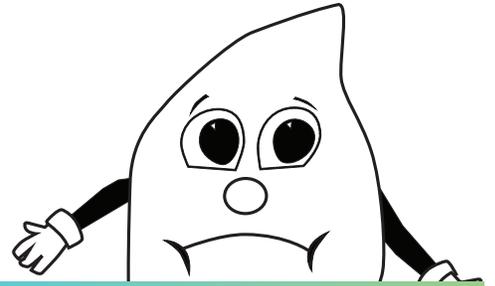
## Paint



## Dust

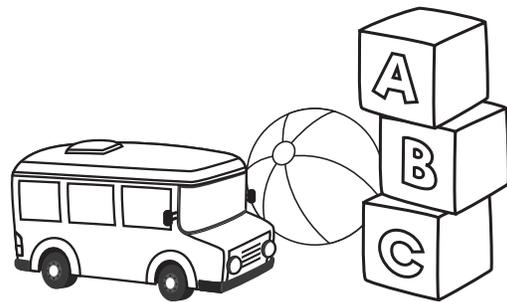


# If lead gets into your body, it can make you sick.

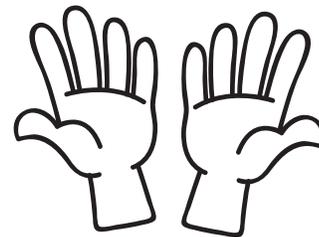


To help keep lead **out** of your body, keep certain things **out** of your mouth.

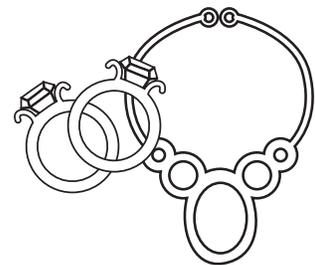
\_\_\_ \_\_\_ **y** \_\_\_



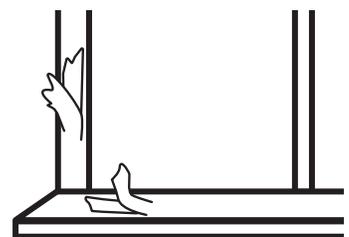
\_\_\_ \_\_\_ \_\_\_ **d** \_\_\_

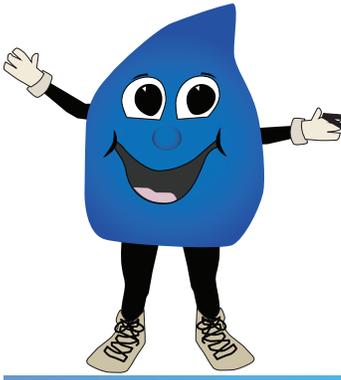


\_\_\_ \_\_\_ \_\_\_ **el** \_\_\_ **y**



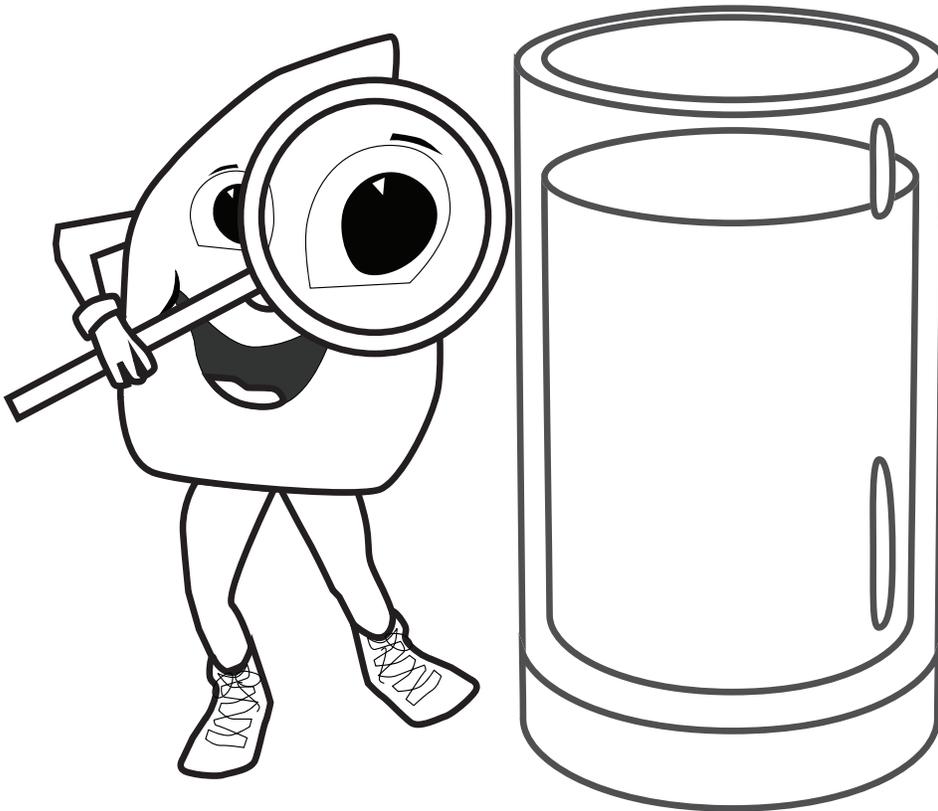
\_\_\_ \_\_\_ **i** \_\_\_ **t chips**





## Why learn about lead in my water?

It may be in many things, inside or outside. But we **cannot usually see it** with our eyes.



**By learning about the dangers of lead, you can learn how to protect yourself and your family.**

There are many possible sources of lead in the home. In young children, high lead levels in water cause an estimated 10-20% of lead exposure. Other possible sources include:

- air pollution
- lead-based paint in older buildings
- contaminated soil
- certain types of pottery, porcelain and pewter

**Fortunately, you can help control lead.**

In most cases, lead gets into water **after** it leaves Liberty's pipes, through your household plumbing. So if lead is a problem in your water, chances are you **can** do something to minimize the risks.

**Learn more...**

# How lead gets into water

Whether or not you have a lead problem may depend on:

## Your water

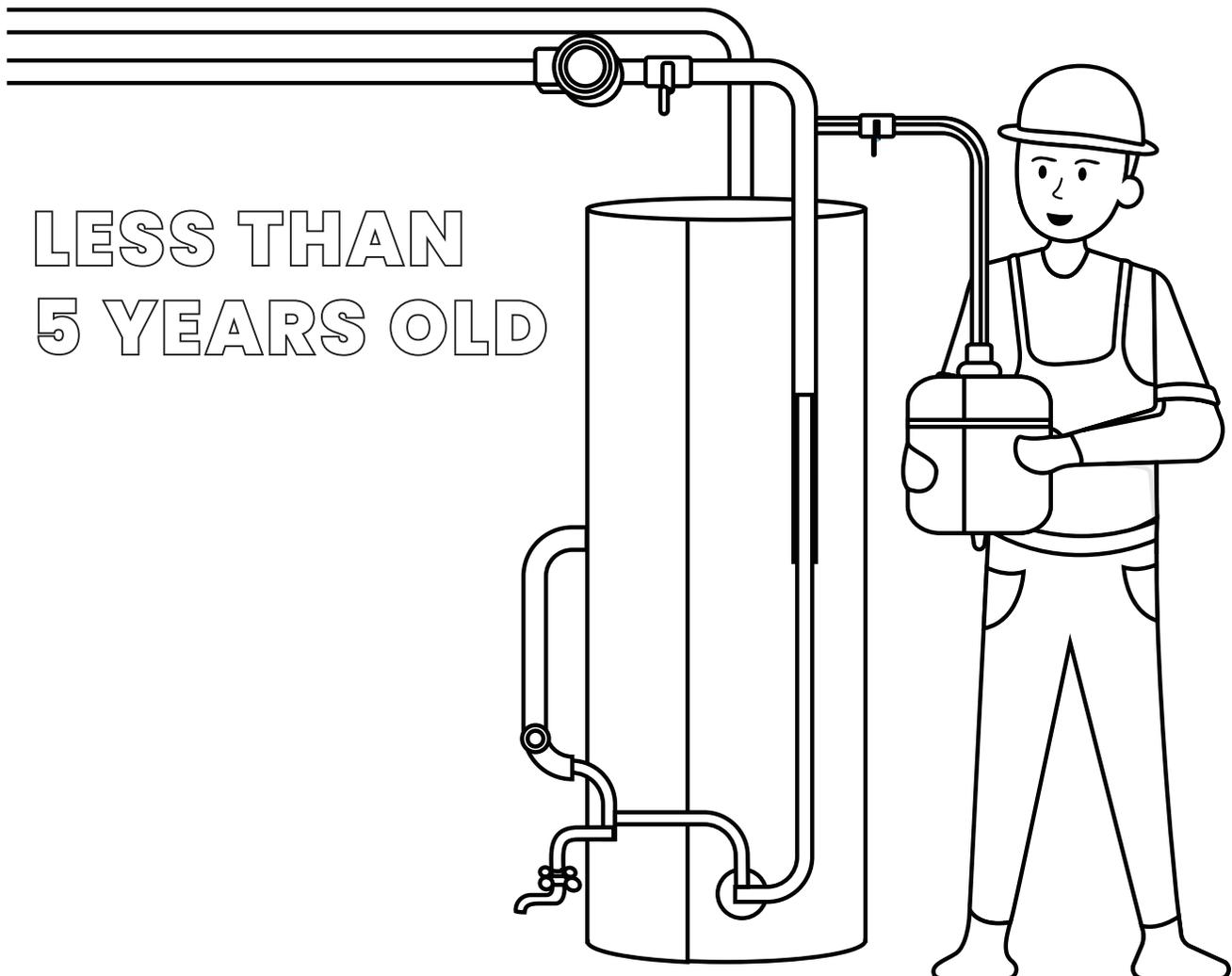
If you have a water softener, your water becomes too “soft” or acidic and can corrode (eat away at) plumbing. As this happens, lead from the pipes, solder or fixtures dissolves into the water.

Such “corrosive” water also slows the buildup of deposits that coat the inside of most pipes. This coating helps stop lead from getting into water.

## Your plumbing

Pipes made before the 1930s may be solid lead. (Brass fixtures may also contain lead.)

Lead-soldered plumbing less than 5 years old may not yet have built up its protective coating.

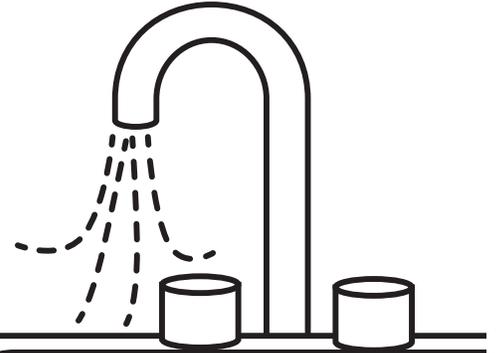


# You can protect your family!

If there are dangerous lead levels in your water, or if you suspect there might be:

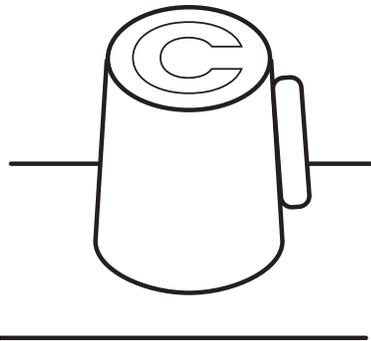
## Flush your plumbing

This flushes out any lead that may have accumulated in the pipes.



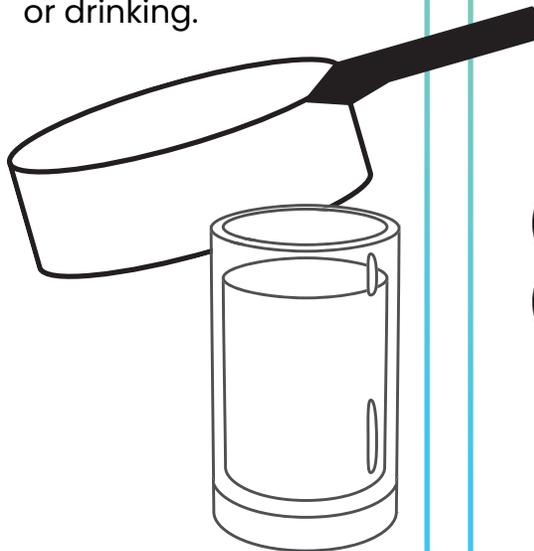
### How to flush

Let cold water run until it's as cold as it can get (usually after 30 seconds to two minutes).



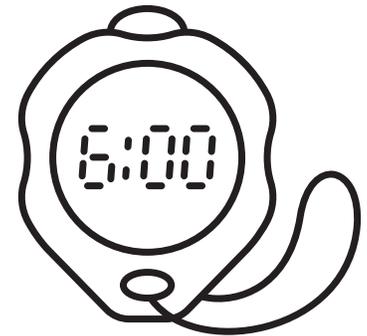
### What to flush

Your cold water tap. Do not use the hot water tap for cooking or drinking.

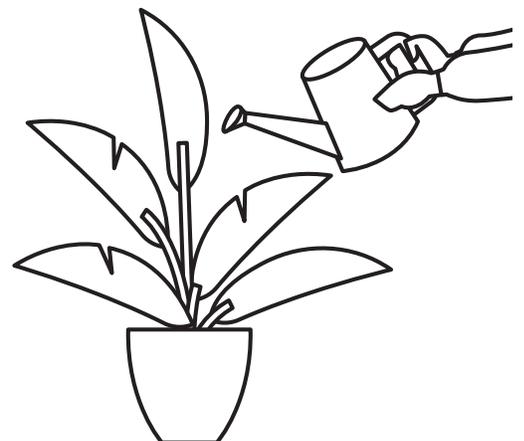


### When to flush

Whenever plumbing has not been used for 6 or more hours



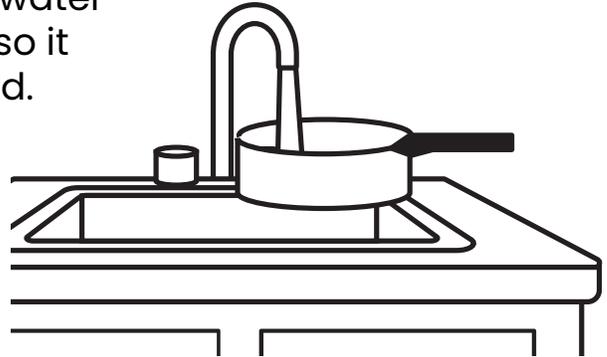
Save "flushed" water - it's fine for watering plants, doing household chores, etc. After flushing, fill a few jugs for drinking and cooking.



# Follow these other tips:

## Use only cold water

for cooking and drinking. Hot water causes more pipe corrosion, so it may have higher levels of lead.



## Have an electrician check your wiring

If ground wires from the electrical system are attached to your pipes, corrosion will be greater. Ask if your wiring can be grounded elsewhere.

## Consider replacing your plumbing

If your pipes are lead, or if lead levels are high, ask your plumber to use lead-free materials for repairs.



## About special plumbing equipment

- Water softeners make water more corrosive.
- “Reverse osmosis” and “distillation” units may reduce lead if installed at the faucet. But, they’re expensive and need maintenance. Before you buy or rent, know what to expect, and check on any state or local laws that may apply.

# Did you know that Liberty works really hard to protect your drinking water?

Our efforts include:

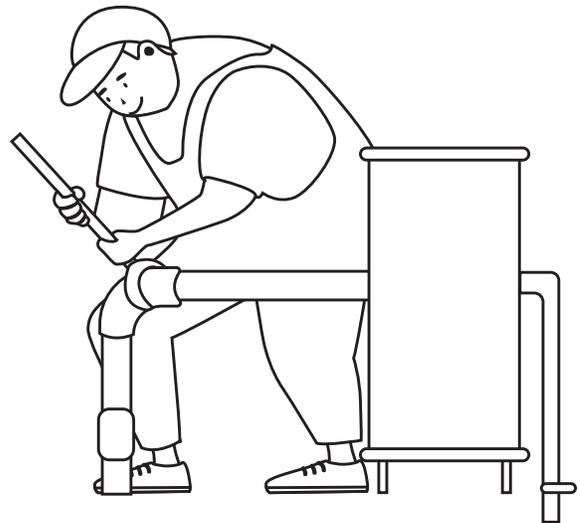
## Testing

of water supplies for lead and other kinds of impurities.



## Installation of new equipment

to prevent lead from getting into the water at the utility.



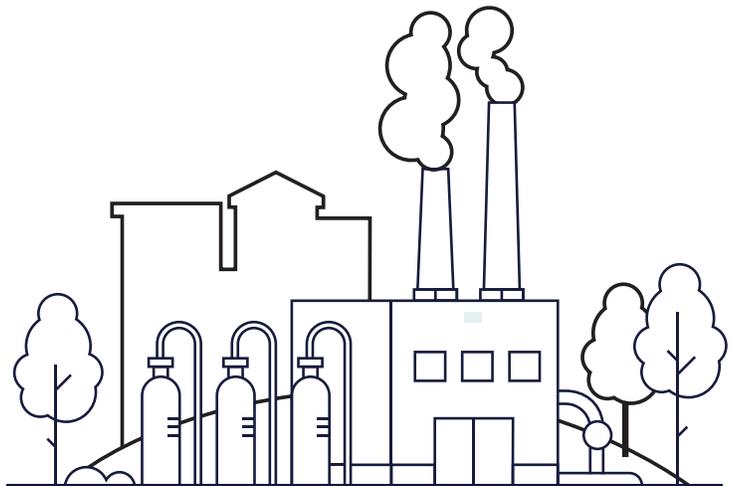
## Consumer education

on ways to recognize and deal with lead hazards.



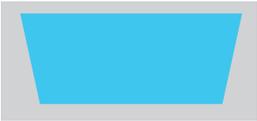
## Water treatment

to make water less corrosive.



# A lead test can help keep you healthy.

Match the shapes to fill in the missing words.

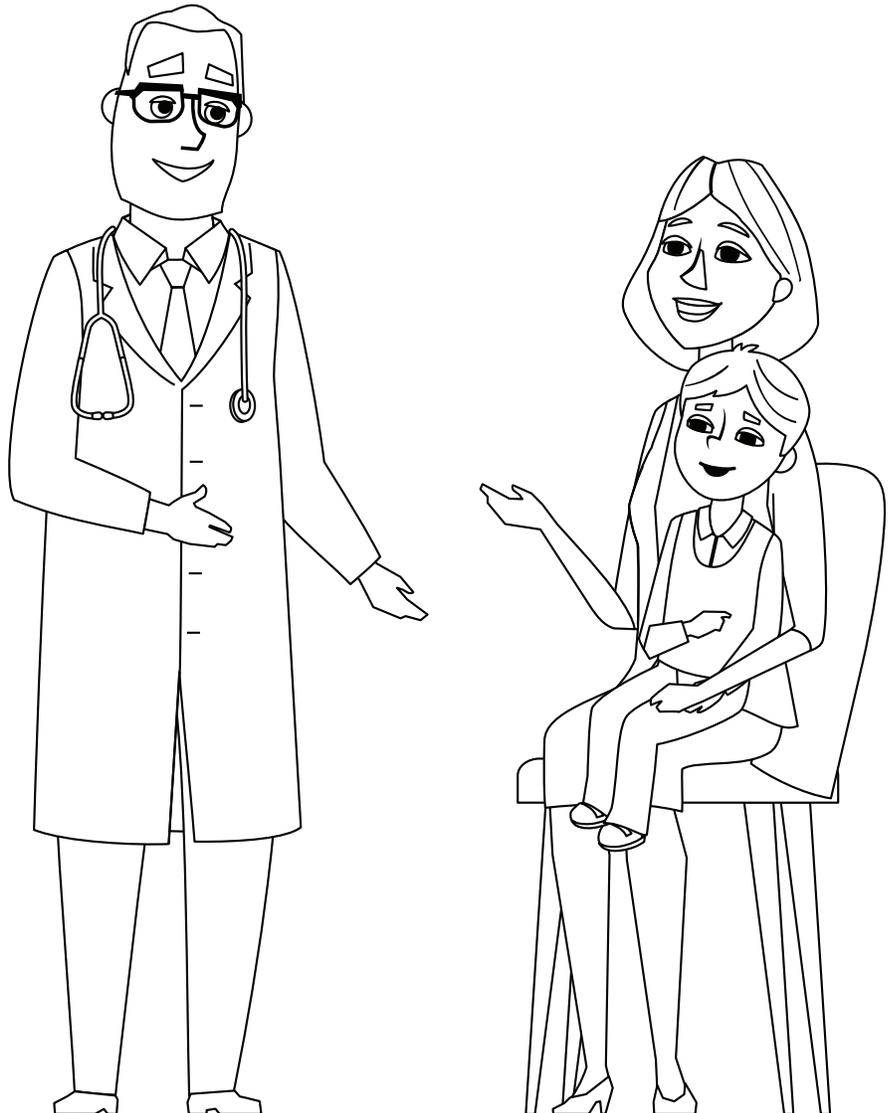
To  if there is any  in your , you may be given a  test.

 find out

 body

 lead

 blood

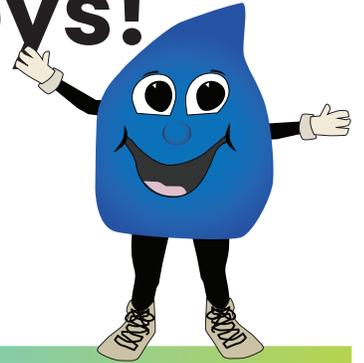


The test takes a tiny amount of blood from your finger or arm.

# Here are my favorite toys!

**Draw your favorite toys here.**

Keeping your toys clean helps you stay safe from lead.



A large empty rectangular box with a multi-colored border (purple, blue, green, yellow) intended for drawing favorite toys.



**Liberty<sup>®</sup>**

Energy and water for life.

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