

Lead Education Lessons



Grades 1 and 2

Unit: Lead Education
Lesson One



Grade Level: First and Second

Title: Laura Lead and Leroy Leadless

What You Need to Know:

This lesson is the introductory lesson for this unit. It will introduce the vocabulary and prepare the class for discussions. *(Background information for the teacher: Lead is naturally found in many places. Lead is of no use to the body. Anyone can get lead poisoning, but especially children from 6 months to 6 years appear to be the most vulnerable. Lead can cause decreased ability to learn, increased behavior problems, decreased school performance and other health problems. Lead has a sweet taste which is a further attraction for children. For more information check the other resources in this curriculum)*

Materials:

- Optional student copies of "The Laura Lead and Leroy Leadless story"
- Crayons or markers
- Student copies of the "Leroy Leadless" coloring sheet

Procedure:

- Tell the students that today we are going to hear (or read) a story about two characters that have some important things to tell them about lead.
- Discuss what they may already know about lead or lead poisoning.
- Introduce some of the important vocabulary before or as you read and revisit the words after the story. The vocabulary is underlined in the story.

Laura Lead and Leroy Leadless



This is a story about Leroy Leadless. He was lead free and proud to be. One day he went to visit his good friend Laura Lead. Leroy saw Laura sitting by her window. She was playing with her doll and sucking her thumb.

"Hey, Laura," Leroy yelled to Laura. "I came over to play with you." Laura opened the door so Leroy could come into the house. Leroy noticed that the window sill where Laura had been playing was full of dust and paint chips.

He pointed at Laura's doll on the floor near the window, where she had dropped it. "Look at your doll, Laura. Did you notice that it is covered with tiny paint chips and dust?", he asked. Laura looked at her doll and then at Leroy. She seemed confused, so Leroy said "Laura, don't you know that you can get lead poisoning from just touching paint chips and then putting your fingers into your mouth? "But, I don't see any lead," said Laura.

"Lead can be hiding in many places," Leroy warned. "Lead can be in peeling paint, in the dust on floors and window sills, it can even be in the dirt outside. The lead gets inside of you when your thumb or fingers go into your mouth or you touch the food that you are eating."

"Wow, I didn't know that. My fingers just taste a little sweet not poisonous," answered Laura. "That's not good, Laura. Lead has a sweet taste, but it is very bad for you!" said her friend Leroy Leadless. "I don't feel bad, I feel fine." Laura said nervously. Leroy Leadless explained to Laura that kids with lead poisoning don't look sick and most of the time they don't even feel sick. Lead poisoning can cause kids to have speech problems and

hearing problems. Sometimes lead poisoning can make it hard to learn and do well in school. Lead poisoning can cause lots of other health problems, too.

Laura was shocked. "But I want to learn lots and lots of things and do well in school. What can I do?" Leroy told her that kids who have lead poisoning should go to the doctor for a test. He also told her that all kids should wash their hands with soap and water after playing on the floor, near window sills or outside. He said kids should remember to keep all things that are not food out of their mouths. Things like toys, jewelry, books and fingers should not go in anyone's mouth. Then he told her to always eat good foods like eggs, milk, cheese and vegetables. He said it was also a good idea to wipe off your shoes before coming into the house so you don't track in dirt with lead in it.

"Gee, Leroy Leadless, you're a really good friend. Maybe one day, I'll be called 'Leadless', too" Laura said happily.

Leroy was proud that he could tell his friend some ways to stay healthy and stay away from lead poisoning.

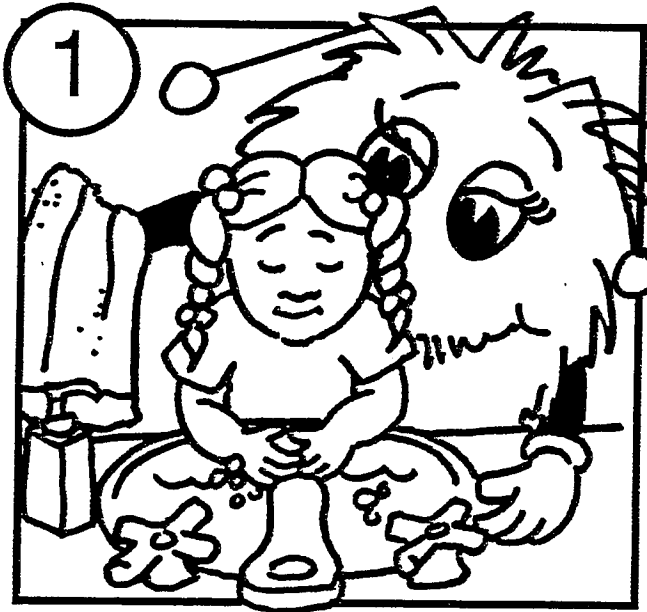
Let's review the things Leroy said to do.

- Go to the doctor for a lead test.
- Don't put dirty hands or things that are not food into your mouth.
- Wash hands with warm water and soap.
- Eat good foods like eggs, milk, cheese and vegetables.
- Wipe your feet before coming in the house.
- Watch out for lead in dust, dirt, and paint chips.
- (Accept other suggestions from students and discuss as appropriate.)



Leroy Leadless Lead-Free Rap*

City of Milwaukee Health Department
Childhood Lead Poisoning Prevention Program



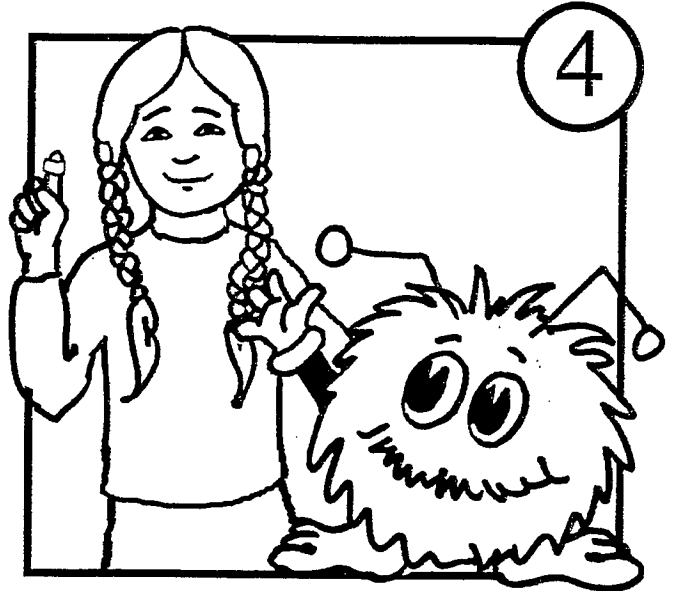
Wash your hands,
wipe your feet



Always have good
things to eat



Stay away from peeling paint



Get your lead test,
you won't faint

Unit : Lead Education
Lesson Two

Grade Level: First and Second

Title: Wash Your Hands



What You Need to Know:

This lesson continues the the lead free learning by teaching the children how important it is to wash hands properly and often. It also tells children that it is a good idea to leave their shoes at the door so dirt with lead doesn't get tracked into the house where they play.

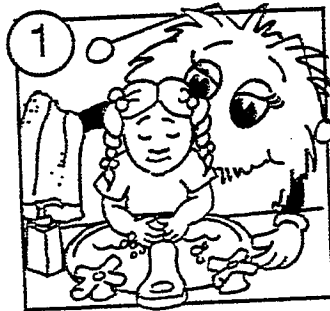
Materials:

- Vaseline or lotion (optional)
- Glitter
- Student copies of the "Lead Free Rap"

Procedure:

- Give the students some Vaseline or lotion to put on their hands. (This step is optional but will reinforce the need to use soap when washing hands to get them really clean of lead particles and germs).
- Place some glitter by the windows, on the floor, desks, bookcases and other places throughout the room.
- After a bit of normal classroom activity, ask students to check their hands and feet. Glitter will be on many shoes and hands. Point out how easy it was for the glitter to get everywhere.
- Explain that it would be even easier for lead to travel everywhere and not be noticed.

- Hand out copies of the Lead Free Rap and practice with the students.
- Finish the lesson by having students wash their hands. Have them try washing their hands first with water only. Then have them wash using soap also.
- Discuss what they learned in this lesson, by asking what they could tell their parents they learned today.



Unit : Lead Education
Lesson Three

Grade Level: First and Second

Title: Look Out for Lead



What You Need to Know:

This lesson is a review of what has been previously learned in this unit.

Materials:

- Student copies or overhead of the "Lead -Free Rap" from the previous lesson
- Student copies or overhead of the "Look Out for Lead" house picture

Procedure:

- Review with the students the lead information that they have learned so far.
- Let individual students or groups of children perform the "Lead Free Rap" for the class.
- Look at the "Look Out for Lead" house picture with the class. As a class, identify places where there could be lead.
- Optional - "Look Out for Lead" pictures and answer key can be sent home for students to share with parents.



Lead-Free Rap

Wash your hands, wipe your feet

Always have good things to eat

Stay away from peeling paint

Get your lead test, you won't faint

In your mouth don't put a thing

From the doctor good news you'll bring

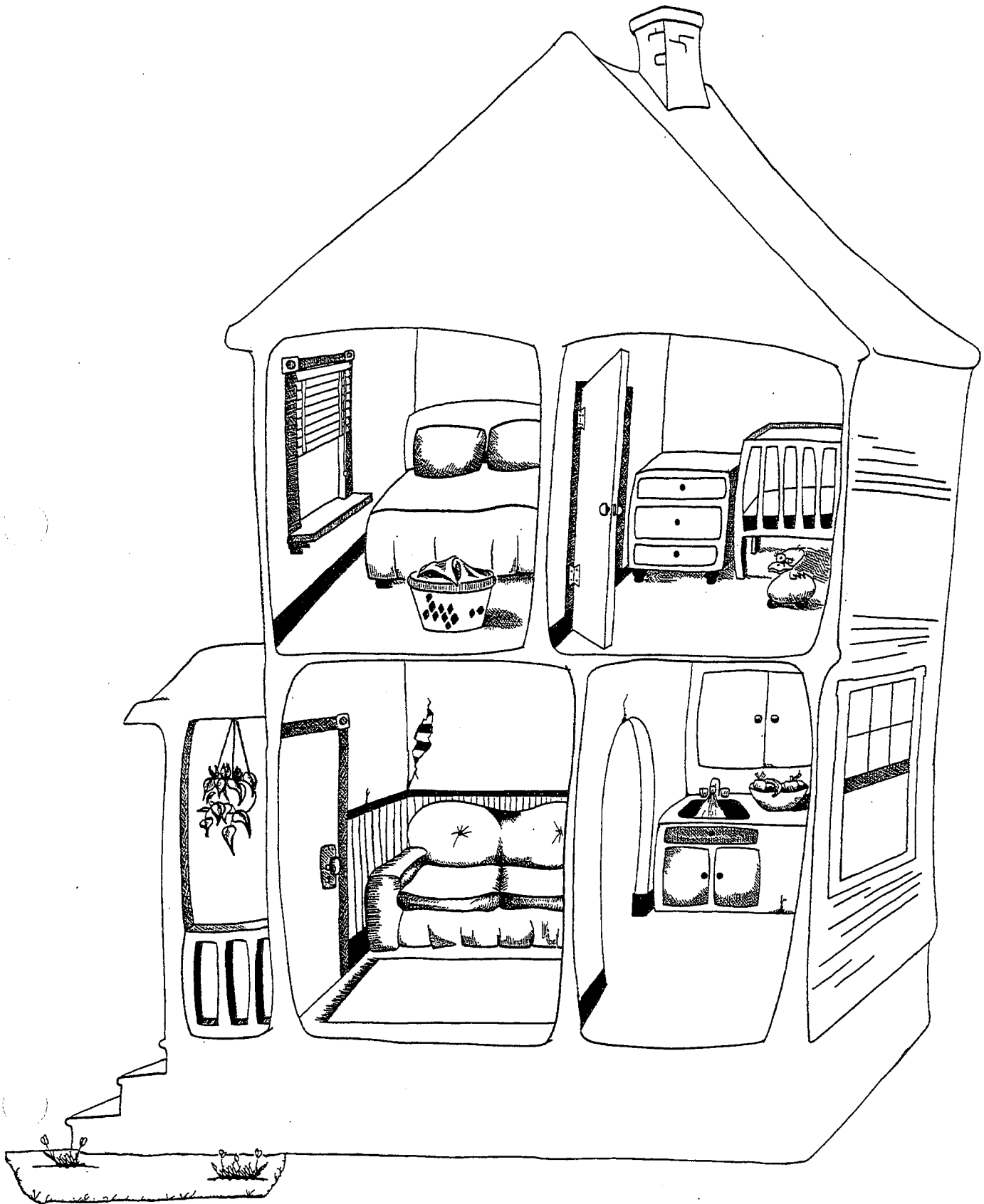
A healthy lead-free kid you'll be

If you don't believe me, just try and see



- Pat Williams-France

LOOK OUT FOR LEAD



LOOK OUT FOR LEAD

WHERE TO LOOK:

Lead is commonly found in homes built before 1978. Look in these areas.

Old paint and varnish on doors & windows

Vinyl miniblinds that are not marked lead free

Dust & paint chips on window wells & sills

Clothes with lead from work

Old painted furniture & toys

Chips & dust from outside paint including siding

Lead in paint on walls

Lead in drinking water

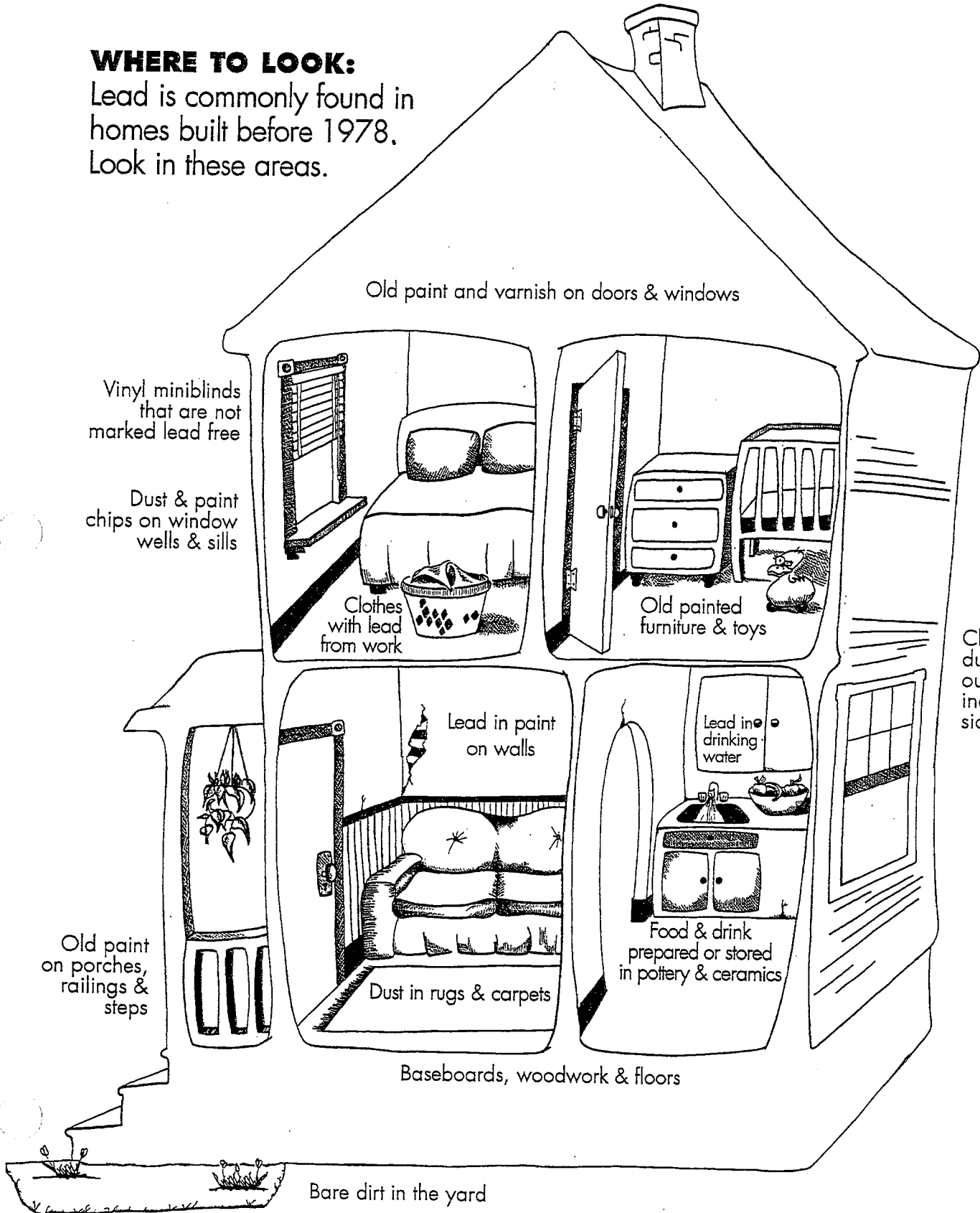
Old paint on porches, railings & steps

Dust in rugs & carpets

Food & drink prepared or stored in pottery & ceramics

Baseboards, woodwork & floors

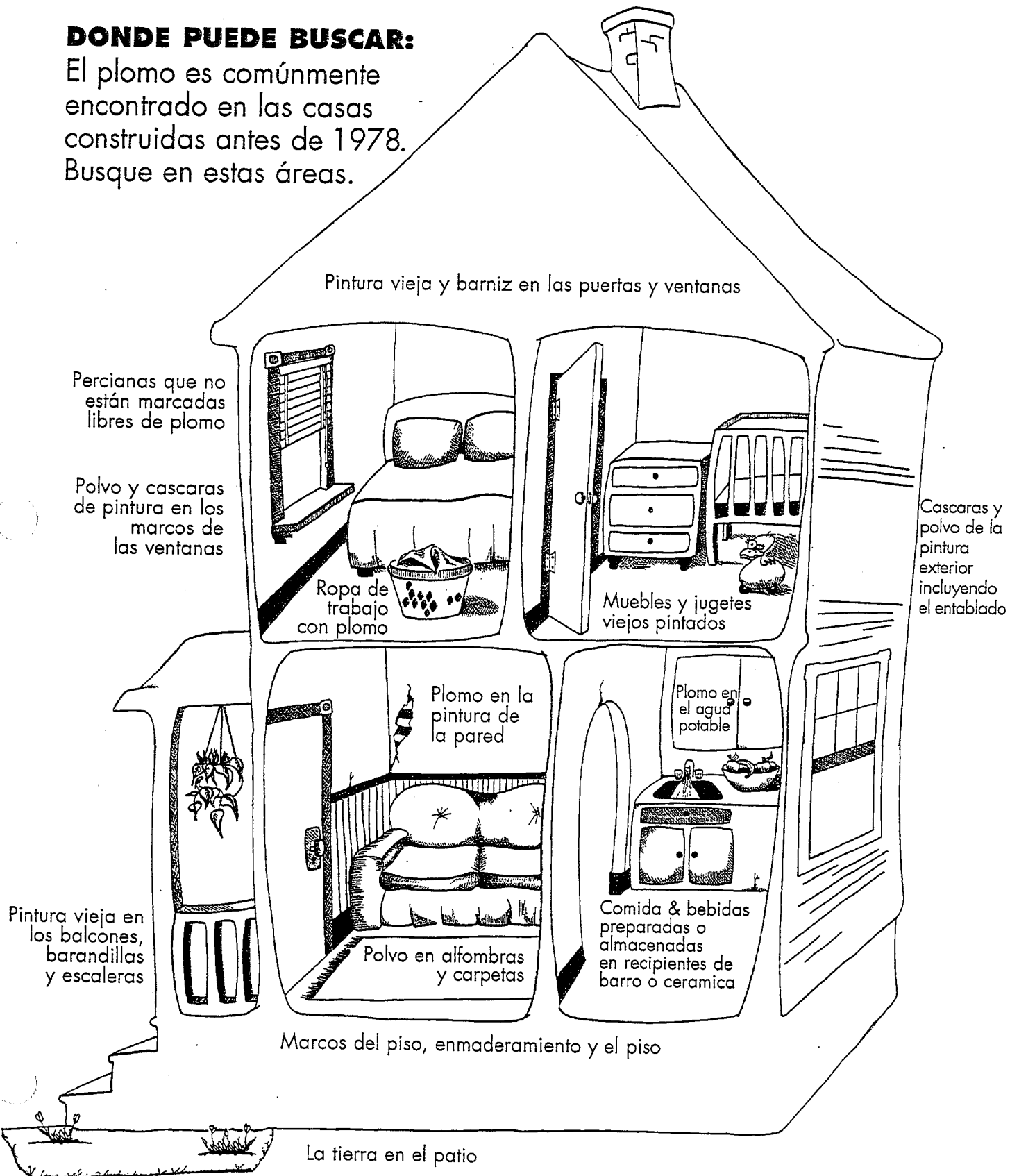
Bare dirt in the yard



TENGAN PRECAUCIÓN DEL PLOMO

DONDE PUEDE BUSCAR:

El plomo es comúnmente encontrado en las casas construidas antes de 1978. Busque en estas áreas.



Unit: Lead Education
Lesson Four



Grade Level: First and Second

Title: Look Out for Lead

What You Need to Know:

This lesson is the culminating lesson in this unit.

Materials:

Chalkboard, large paper or overheads

Crayons or markers

Art paper for posters and pictures

Procedure:

- Tell the students that today we are going to show what we have learned about lead. Tell students that they can draw pictures, make posters and write sentences about what they have learned.
- Put the words that students would like to use on the chalkboard or overhead.
- Post the artwork and stories in the classroom or school halls.

Unit: Lead Education
Optional Lesson One



Grade Level: First and Second

Title: Leroy Leadless Puppets

What You Need to Know:

As an optional review, have students make Leroy Leadless puppets.

Materials:

Student copies of Leroy Leadless puppet face
Crayons or markers
Scissors
Paper lunch bags

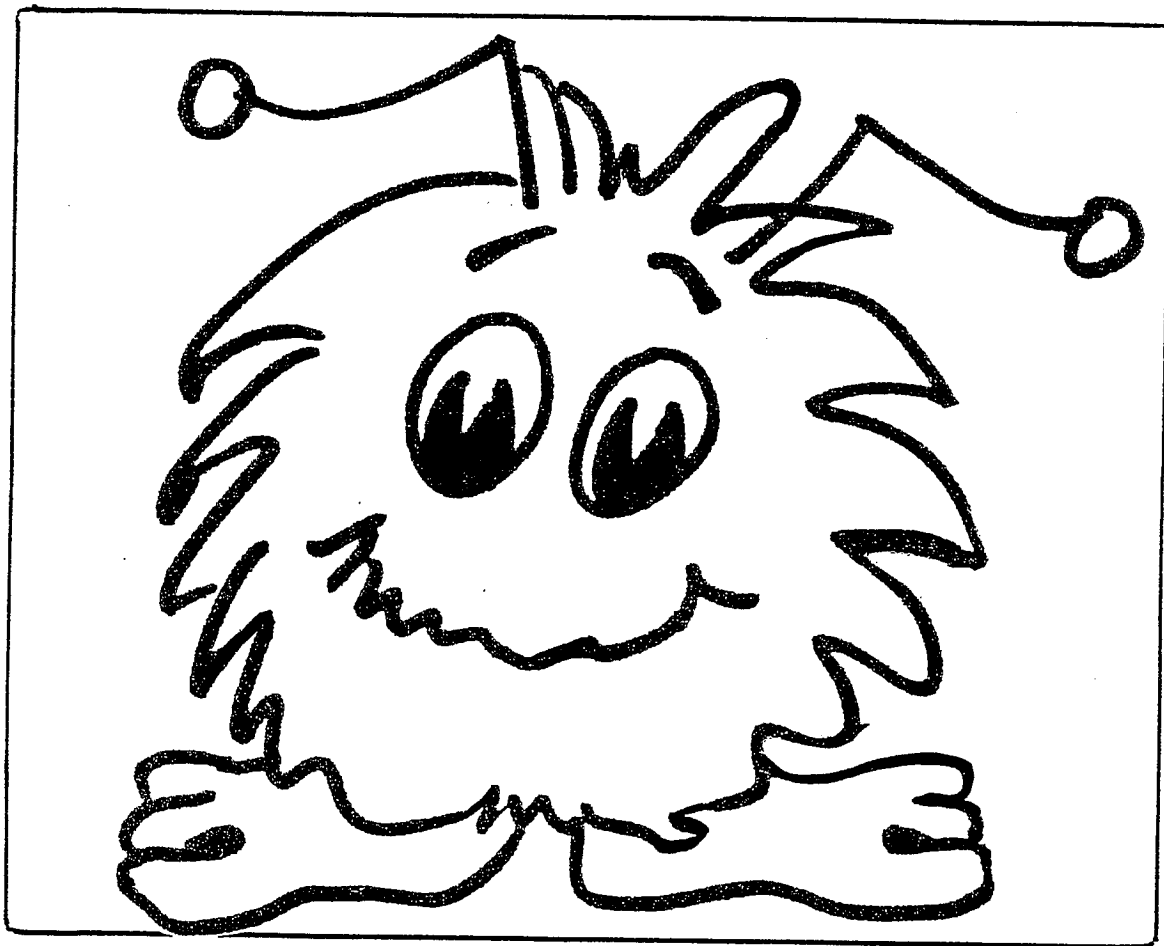
Procedure:

- Tell the students that today we are going to make Leroy Leadless puppets and tell stories to each other about how to stay away from lead poisoning.
- Cut out, color and put together Leroy Leadless puppets
- Allow students to talk to each other about the things to do to avoid lead poisoning using their puppets.

HOW TO MAKE A LEROY LEADLESS PUPPET

1. Color Leroy Leadless.

2. Cut out Leroy. and paste him on a paper lunch bag.



Unit: Lead Education
Optional Lesson Two

Grade Level: First and Second



Title: Lead Poisoning Prevention

Materials:

Sesame Street Lead Away! Lead Poisoning Prevention Project
video (15 minutes) New York Sesame Street 212 875-6487

What You Need to Know:

This is a review of a Kindergarten lesson

Procedure:

Ask: "Who knows what lead is?"

Reinforce correct information. "Lead is a poison that can make you sick! It hurts your brain and stops you from learning or makes you forget what you used to know. Let's let Elmo tell us about it and how we can be safe from lead!" Turn on the video for the class to watch.

Video follow-up: Discuss "What did Elmo tell us to do about lead?"

1. Stay away from peeling paint.
2. Leave your shoes at the door.
3. Wash your hands before you eat.
4. See your doctor for a blood test.

Ask: "Why should we do all this? (Repeat items 1-4 and let children help.) Answer: "There could be lead or lead dust hiding."

Ask: "Who had a blood test? Raise your finger if you had a blood test. Why do you need a blood test?" Answer: "To see if you have too much lead in you. Every child needs a blood lead test."