

ACTIVITY BOOK Presented by
The Kansas Adjutant General's Department
DIVISION OF EMERGENCY MANAGEMENT

TECHNOLOGICAL HAZARDS SECTION



www.ksready.gov

785/274-1402



This activity book is to help educate you on

Household Hazardous Material Safety

Chemicals are hazardous substances.

When chemicals are mixed with other chemicals it could cause a fume, a deadly gas, or even an explosion.

Chemicals are found in schools, homes, churches, malls, zoos, swimming pools, everywhere.



DEFINITION: Hazardous means- "potential danger or potentially very dangerous to living beings or the environment."

Can you list a few hazardous items?

Here are a few that you might not have thought of:

Finger Nail Polish
Nail Polish Remover
Light Bulbs
Bleach
Window Cleaner
Furniture Polish

Weed Killer

Insect Spray

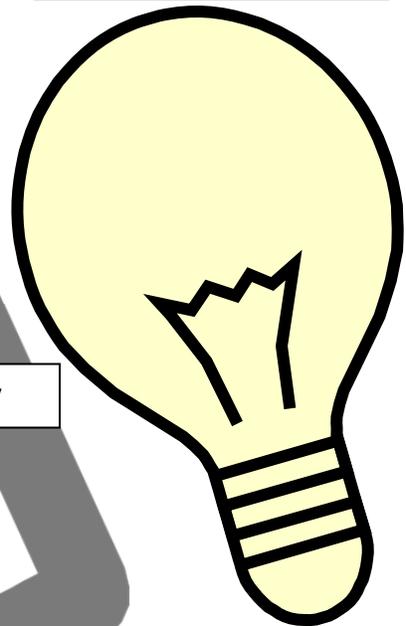
Vinegar

Drain Cleaner

Air Freshener

Bug Spray

Hair Spray





Color the Kansas Division of Emergency Management Logo

If pesticides are not used correctly they could harm or even kill your pet!

READ THE LABEL!



A pesticide is a chemical used to prevent, destroy, or repel pests. Pests can be insects, mice, and other animals. Most pesticides contain chemicals that can be harmful to people, animals, or the environment.

What can happen when chemicals are not disposed of correctly and come into contact with another chemical?

- A. Flowers will grow
- B. Cleans the pipes
- C. Cause a hazardous fume.



(C) When chemicals are mixed with other chemicals it could cause a fume, deadly gas, or even an explosion.

**Recycle chemicals
safely!**

Find the Words

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

Feather

ingestion

oil

release

sheen

slick

water

UNSCRAMBLE THE WORDS

MATAHZ

PODNRRESE

REIF

CALIMCHE

ILO

TARWE

SONOIP

Answer on Page 15

Do you know what happens when oil and water mix?



Yuck!!!!

The water becomes polluted and plants and animal life start to die.



If a bottle of bleach and a bottle of ammonia mix what happens?

- A. It cleans really well
- B. Nothing
- C. Smells (Creates a poisonous cloud)

(C) When these two chemicals mix together it causes a very dangerous gas and when inhaled it can make you very sick.

Who are first responders?

Police Officers, Fire Fighters, Medical responders, County Emergency Manager

Quiz:

What do first responders do in a hazardous material spill?

- A. Take pictures
- B. Get lunch for everyone
- C. Make sure everyone is safe

First responders secure the area, and (c) make sure that everyone is safe.



P _ L I _ E
_ A R

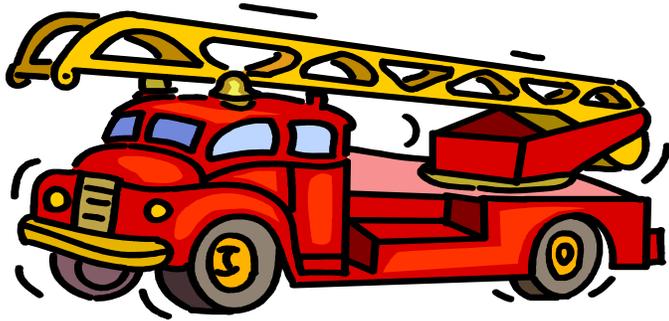
_ O _ _ C E
O _ _ I C E R

Answer on page 11

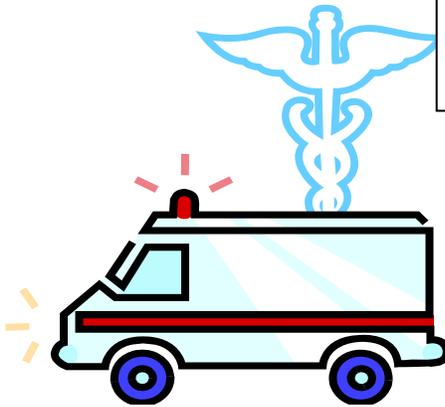


F _ R _
_ E R S _ _

_ I _ E
T _ _ _ k



A _ _ _ LANC _



M _ D _ CAL
P _ _ SON

Answers: Police Car, Police Officer, Fire Person, Fire Truck, Ambulance, Medical Person

FIND HAZARDOUS WORDS

The words in the puzzle are related to Hazardous Chemicals

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

ACID CAUTION DANGER DRAIN

FIRE FUMES GAS HAZARDOUS

HAZMAT TARS SPILL TOXIC

Answer on page 16

Fill in the blanks

C _ UT _ _ N

_ A _ GER

S _ IL _

C _ _ _ _ C _ L

H _ Z M _ T

Answer on page 17

Draw a picture of how you would store Common Household Hazardous
Materials in your home!

Find the Words

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

feather

ingestion

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UNSCRAMBLE THE WORDS

MATAHZ

HAZMAT

PODNRRESE

RESPONDER

REIF

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CALIMCHE

CHEMICAL

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TARWE

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

ACID CAUTION DANGER DRAIN

FIRE FUMES GAS HAZARDOUS

HAZMAT TARS SPILL TOXIC

Fill in the blanks

CAUTION

DANGER

SPILL

CHEMICAL

HAZMAT

FOR MORE FUN ACTIVITIES AND TO LEARN
ABOUT HAZARDOUS MATERIAL VISIT:

www.ksready.gov

KIDS REMIND YOUR PARENTS TO:

- ✓ ALWAYS READ THE LABEL
- ✓ LOOK FOR KEY WORDS ON THE LABEL
- ✓ HELP KEEP THE ENVIRONMENT SAFE