

FARM SAFETY ACTIVITY BOOK



Created by **Hannah Conlin, OTS, Drake University**



800-471-6425 | agrability.unl.edu



The Nebraska AgrAbility Project is a national program funded by USDA-NIFA that assists farmers, ranchers, & other agricultural workers with disabilities by providing resources and support they need to continue or return to working in production agriculture. Nebraska AgrAbility is a joint effort of the University of Nebraska-Lincoln Extension & Easterseals Nebraska. This material is based upon the work supported by the Extension Service, U.S. Department of Agriculture, under special project number #2022-41590-38127 with additional support from the Central States Center for Agricultural Safety and Health - NIOSH AFF Grant U54OH010162

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Does AgrAbility...

Select YES if you think it is something AgrAbility does.
Select NO if you think it is something AgrAbility does NOT do.

Help farmers, ranchers, and others who work in agriculture after they get hurt or sick to get back to work?

Yes

No

Work with farmers/ranchers AND their families to get resources to make work safer and easier?

Yes

No

Go to farms and ranches to show farmers and ranchers what equipment can help them do their work safely?

Yes

No

Teach people of all ages and backgrounds how to be safe on the farm or ranch?

Yes

No

Ask for money to meet with farmers and ranchers or when they look over their farm or ranch for safety issues?

Yes

No

Go to schools to teach students about farming and ranching and how kids can stay safe?

Yes

No

Emergency Plan

When an emergency happens on the farm, it can be scary. It is important to know what to do when an emergency happens. With the help of an adult, fill out this form and keep it somewhere that is easy to find in case of an emergency.



Poison Control: 1-800-222-1222

Our Farm's Address:

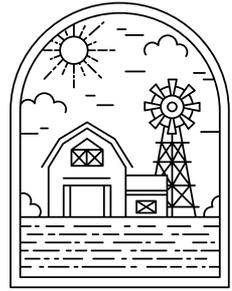
Emergency Contacts

Name: _____ Phone Number: _____

Additional Notes:

In case of emergency, dial 911.

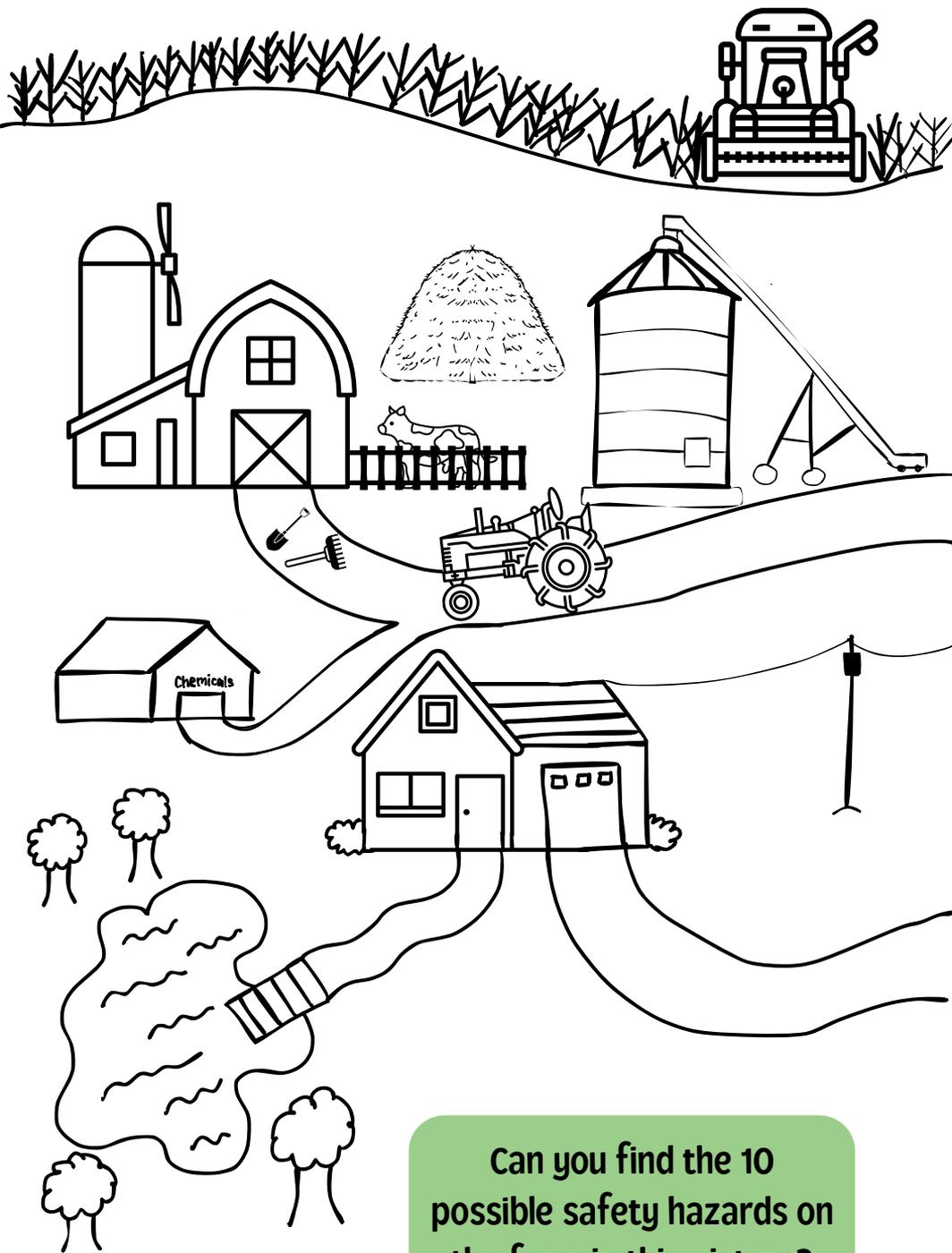
AROUND THE FARM WORD SEARCH



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

Find the following words in the puzzle:

AUGER	CORN	SOYBEANS
BARN	GRAIN	TRACTOR
CATTLE	HARVEST	TURKEY
CHICKEN	LIVESTOCK	WHEAT
COMBINE	PIGS	



Can you find the 10 possible safety hazards on the farm in this picture?

Fire Safety

On the farm, fires can happen and it is important to know what to do. **Fill in the blanks for the steps to using a fire extinguisher.**

1. P _ _ _ the pin.
2. A _ _ at the base of the fire.
3. S _ _ _ _ _ the handle.
4. S _ _ _ _ from side to side.



Fire extinguishers should be kept in many places on the farm in case a fire starts. A fire extinguisher should be kept in workshops, barns, farm vehicles, combines, balers, tractors, and silos. **With the help of an adult, can you make a list below of where fire extinguishers are located on your farm and in your home?**



Remember, fire extinguishers should only be used to put out a fire and should not be played with.

Chemical Hazards

On the farm and in your house, there may be chemicals or other hazardous materials. Each of these will be identified by a hazard sign. **Can you match the hazard sign to the correct word?**

Biohazard

Comes from living things that could make you sick



Flammable

Something that can catch on fire



Poison

Something that can kill or make you sick if you swallow or touch it



Explosive

Something that can blow up when it gets hit or lit by fire



Corrosive

Something that will wear away the surface of metal



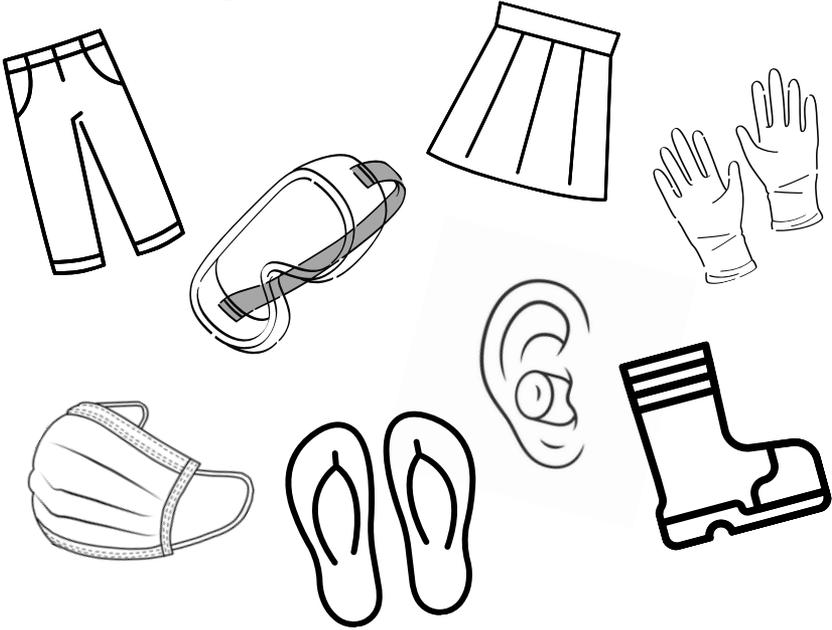
Gas

Gas is stored in this and can blow up if it gets hot



Outdoor Safety

It is important to wear the right clothes and protective gear to make sure you stay safe when working around the farm. **Below, only color the items that you should wear on the farm to stay safe.**



Tips for staying safe when working outside:



Drink plenty of water to stay hydrated



Wear sunscreen outside to prevent sunburns



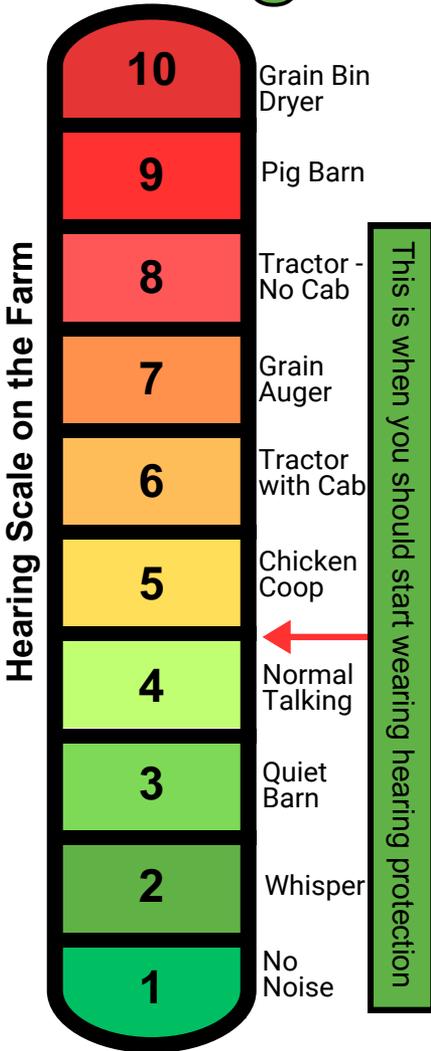
Watch for changing weather conditions



Wear lightweight & light colored clothes in hot weather

Wear layers of warm clothes in cold weather

Hearing Safety



What steps can you take to protect your ears?



- Lower the volume
- If you cannot lower the volume, move away from the noise
- If you cannot lower the volume or move away, you should wear hearing protection

Hearing loss can happen over time and it is permanent! It is better to be safe than sorry - wear ear protection around loud noises.



Unscramble the letters to find out different types of hearing protection

RAE LPUSG
E _ _ P _ _ _

EHAPDHNOES

H _ _ _ _ _

ARE FFUSM

E _ _ M _ _ _

Electrical Safety

Electricity helps keep our farms running. It is important to know how to stay safe around electrical lines. **Write the answer to each question below.**

Yes or No: It is safe to mix water and electricity together. |

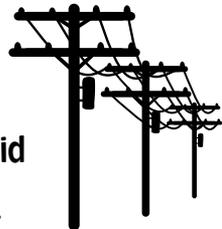
Yes or No: You should call 911 when your vehicle hits a power line. |

Yes or No: Fire is the only reason to get out of a vehicle that has hit a power line. |

Yes or No: You should shuffle your feet or jump with both feet together to get away from a vehicle that has hit a power line. |



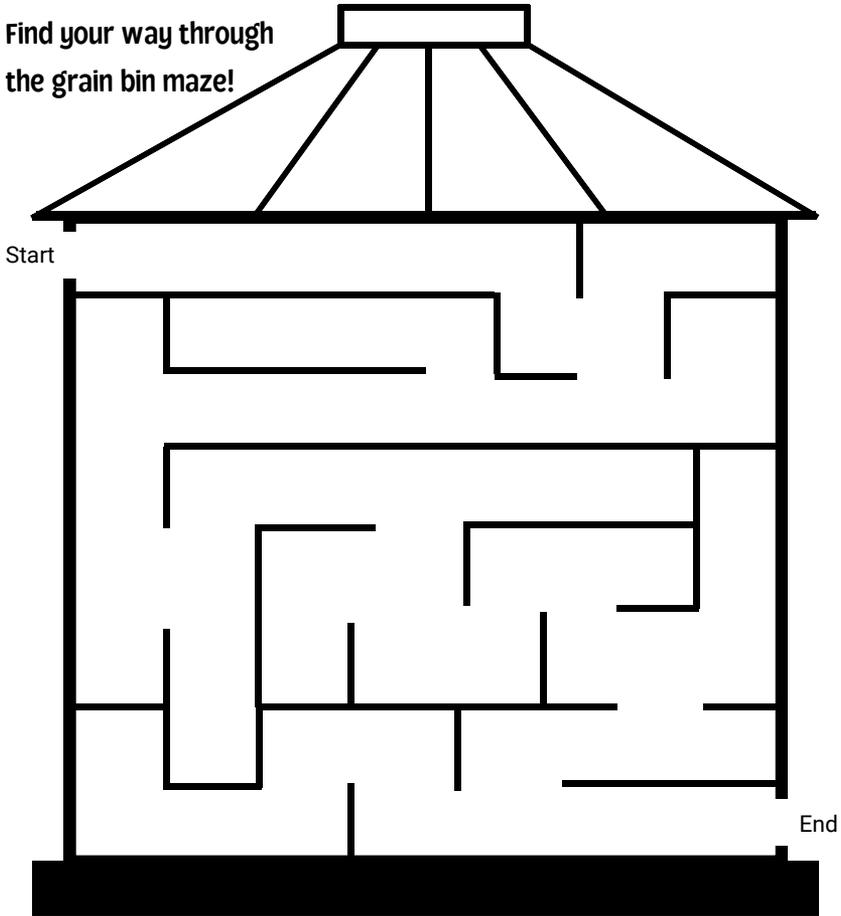
When you're on the farm, remember to **look up** and **look out** for power lines to avoid running equipment into electrical lines.



Grain Bin Safety

- Lots of stored grain places, like grain bins, wagons, or silos might look fun to play in, but they can be very dangerous. When there is a lot of grain in one place, it can move like water.
- When someone gets trapped in grain, it acts like quicksand it can quickly become hard to escape the grain pile on your own.

Find your way through
the grain bin maze!



Cell phones don't always work in a steel bin, so it's important to not rely only on a phone if something happens.

**AND REMEMBER...
STAY OUT OF
GRAIN BINS!**

ATV & UTV Safety

When you are riding on an ATV or UTV, it is important to wear proper gear which includes a helmet, safety goggles, long sleeve shirt, pants, boots, and gloves to prevent injuries. Follow the key to color the ATV and UTV safety gear.

KEY

BLUE



BROWN



GREEN



PURPLE



ORANGE



RED



It is important to not ride on paved roads because another vehicle could hit you and ATVs are not made to be driven on highways or hard-surface roads.

Dos & Don'ts of Safe ATV & UTV riding

- DO ride an ATV that is right for your age and size
- DON'T carry a passenger on a single-rider ATV
- DO ride on designated trails
- DON'T ride after dark
- DO drive at a safe speed
- DO wear a seatbelt in a UTV

Skid Steer & Mower Safety

To be safe around skidsteers and lawn mowers:

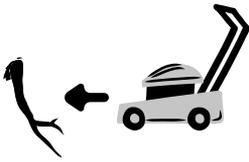
- You should be able to reach the controls on a mower and skid steer while wearing a seatbelt
- NEVER ride on a mower with a passenger
- NEVER approach a skid steer while it is in use

Is it safe or not?

Look at the pictures below of skid steer and mower safety. Answer in the box below if you think is safe or not.



Is it safe to mow with a passenger on the mower?



Is it safe to mow over items on the ground in front of the mower?



Is it safe to use a push mower if you are under 12 years old?



Is it safe to NOT use a seatbelt when driving a skid steer or mower?



Is it safe to walk behind a skid steer when it is being used?



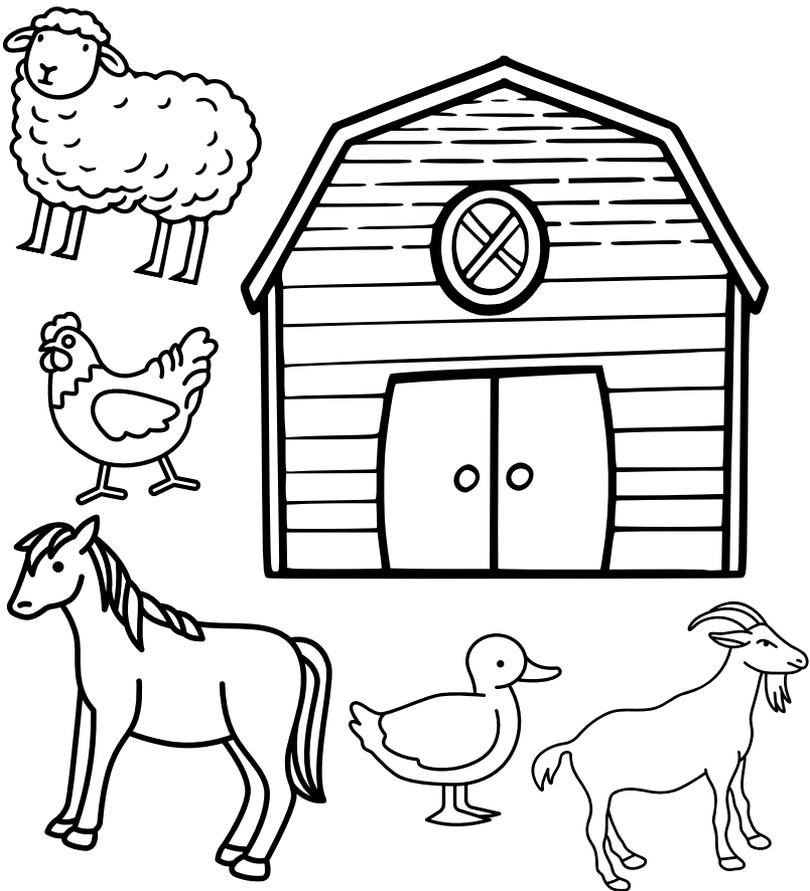
Is it safe to use a ride-on mower if you are 16 years or older?

Livestock Safety

Animals can be unpredictable, especially when they get scared. It is important to know when an animal is scared or in pain to protect yourself and the animal.

Most animals on the farm have blind spots, which means when you are standing in that area, the animal cannot see you.

Take some time to color the pictures on this page, before continuing on to learn more about livestock safety.



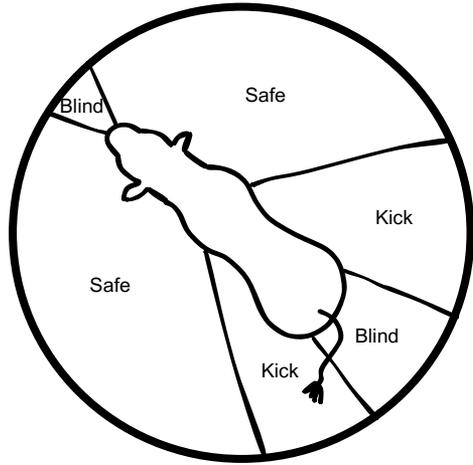
When working with animals, remember to BE CALM, MOVE SLOWLY, AND AVOID LOUD NOISES.

Working with Cows

Cows can get very big and can move quickly. It is important to be quiet and move slowly so you don't scare the cow.

Cows and other big animals kick when they get scared, so it is important to not stand behind them. Cows have good memories and can learn quickly.

Use the key to color in the kick zones, blind spots, and safe areas when handling cows.



KEY

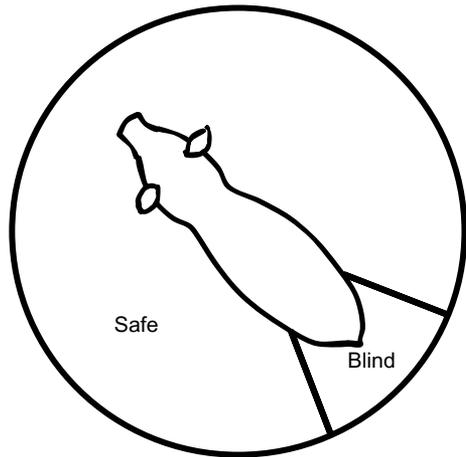
Kick Zone = Red
Blind spots = Yellow
Safe Areas = Green

Working with Pigs

Pigs do not get as big as cows, but they can still be unpredictable. Pigs can get scared easily.

Pigs cannot see right behind them, have sensitive hearing, and like to be with other pigs when being moved.

Use the key to color the blind spots and safe areas when handling pigs.

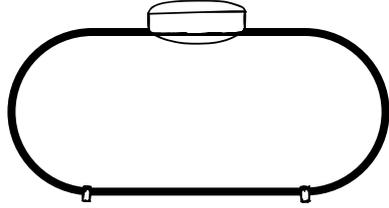


KEY

Blind spot = Yellow
Safe Areas = Green

Propane Tank Safety

What do you know about propane?



1. Propane runs many things, circle which of the following items may use propane in your house.

Stove

Television

Dishwasher

Outdoor Grill

2. Propane can also help run things around the farm. Can you circle what might use propane on the farm?

Livestock Heating

Farm Equipment

Grain Dryers

3. Can you correctly number the steps below that you should take if you think there is a propane leak?

___ If the adult knows how, they should turn off the valve on the propane tank

___ Before calling 911, leave the area in case a fire occurs

___ Tell an adult you think there is a propane leak

4. Which of the following are true about propane?

___ Propane is VERY flammable.

___ It is NOT safe to play on or around propane tanks.

___ Propane smells sweet, like cotton candy.

Activity Answers

Page 1 - What is AgrAbility?

Help farmers, ranchers, and others who work in agriculture after they get hurt or sick to get back to work?

Yes	No
-----	----

Work with farmers/ranchers AND their families to get resources to make work safer and easier?

Yes	No
-----	----

Go to farms and ranches to show farmers and ranchers what equipment can help them do their work safety?

Yes	No
-----	----

Teach people of all ages and backgrounds how to be safe on the farm or ranch?

Yes	No
-----	----

Ask for money to meet with farmers and ranchers or when they look over their farm or ranch for safety issues?

Yes	No
-----	----

Go to schools to teach students about farming and ranching and how kids can stay safe?

Yes	No
-----	----

Page 3 - Word Search

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

Page 4 - Spot the Hazards



Page 5 - Fire Safety

1. P U L L the pin.
2. A I M at the base of the fire.
3. S Q E E E Z the handle.
4. S W E E P from side to side.



Page 6 - Chemical Hazards

Biohazard
Comes from living things that could make you sick

Flammable
Something that can catch on fire

Poison
Something that can kill or make you sick if you swallow or touch it

Explosive
Something that can blow up when it gets hit or lit by fire

Corrosive
Something that will wear away the surface of metal

Gas
Gas is stored in this and can blow up if it gets hot



Page 7 - Outdoors Safety



Activity Answers

Page 8 - Hearing Safety

Unscramble the letters to find out different types of hearing protection

EHAPDHNOES
H E A D P H O N E S

RAE LPUSG
E A R P L U G S

ARE FFUSM
E A R M U F F S

Page 9 - Electrical Safety

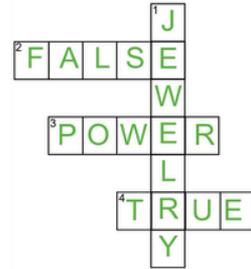
Yes or No: It is safe to mix water and electricity together. | **NO**

Yes or No: You should call 911 when your vehicle hits a power line. | **YES**

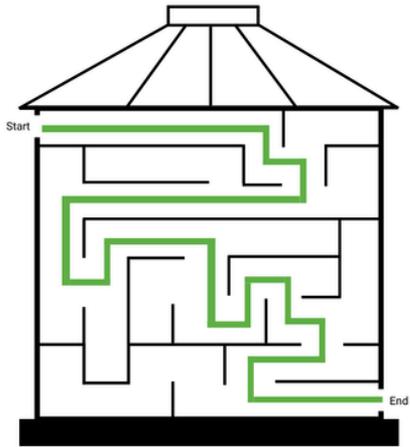
Yes or No: Fire is the only reason to get out of a vehicle that has hit a power line. | **YES**

Yes or No: You should shuffle your feet or jump with both feet together to get away from a vehicle that has hit a power line. | **YES**

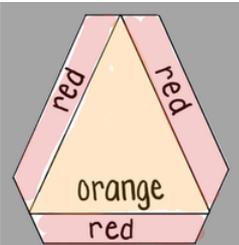
Page 11 - PTO Safety



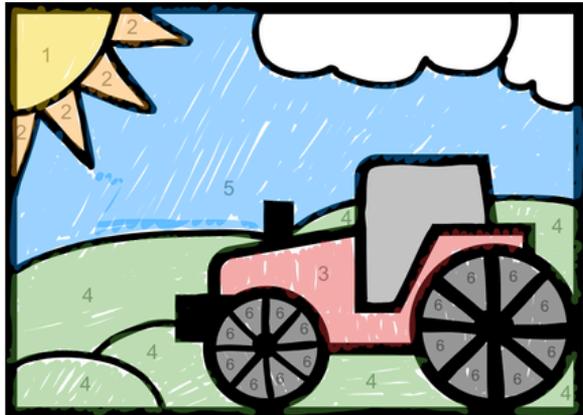
Page 12 - Grain Bin Safety



Page 10 - Tractor Safety



Equipment that travels under 30 mph requires a visible slow-moving vehicle sign when using the road. Color in the sign above.

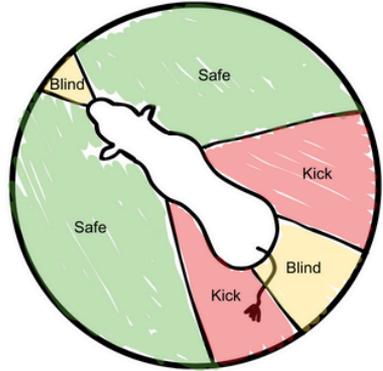


Activity Answers

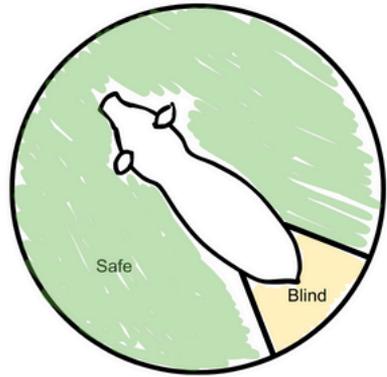
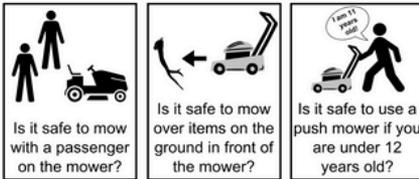
Page 13 - ATV & UTV Safety



Page 16 - Livestock Safety

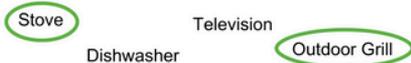


Page 14 - Skid Steer & Mower Safety



Page 17 - Propane Safety

1. Propane runs many things, circle which of the following items use propane in your house.



2. Propane can also help run things around the farm. Can you circle what might use propane on the farm?



3. Can you correctly number the steps below that you should take if you think there is a propane leak?

- 2 If the adult knows how, they should turn off the valve on the propane tank
- 3 Leave the area in case a fire occurs, before calling 911
- 1 Tell an adult you think there is a propane leak

4. Which of the following are true about propane?

- T Propane is VERY flammable.
- T It is NOT safe to play on or around propane tanks.
- F Propane smells sweet, like cotton candy.

**For more information about
how Nebraska AgrAbility can
help you or your loved ones,
please contact us!**



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Resources & References

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