

Learn more about transportation in agriculture at agintheclassroom.org

WELCOME TO The Agtivity Booklet!

In this booklet, you will learn all about transportation and agriculture!

TRANSPORTATION IS EVERYWHERE

Transportation is how we move people or things from place to place. Transportation is really important. Without it, we could not travel around or buy things in stores or visit friends and family who live far away.

 Illinois has more than

 2,000 miles of

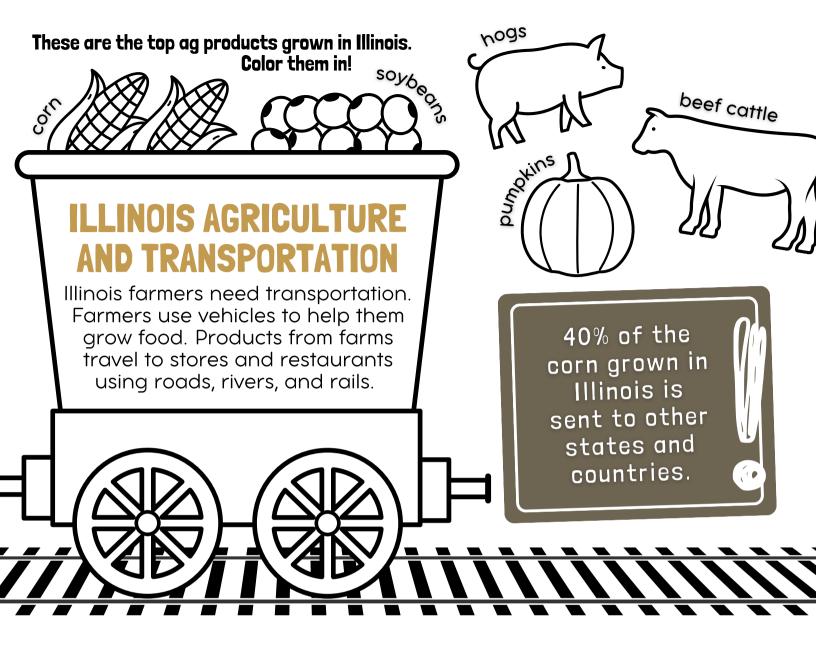
 interstate roads,

 1,100 miles of

 waterways, and

 8,000 miles of

 railroads!



ROADS, RIVERS, AND RAILS SAFETY

On Illinois roads, you might see some of these safety signs. Be careful, there might be farmers at work or food on its way to you!



Farm Vehicles on the Road



Slow-Moving Vehicle



Railroad Crossing



Narrow Bridge Ahead

FROM A SEED....

Follow the path this corn takes all the way from the farm to your store. Meet some important people on the way!

How many kernels do you see on this ear of corn?

l'm an agronomist! I keep the corn and soil healthy.

> l'm a grain marketer! I sell the corn.

Hi! I'm the farmer! I grow the corn.

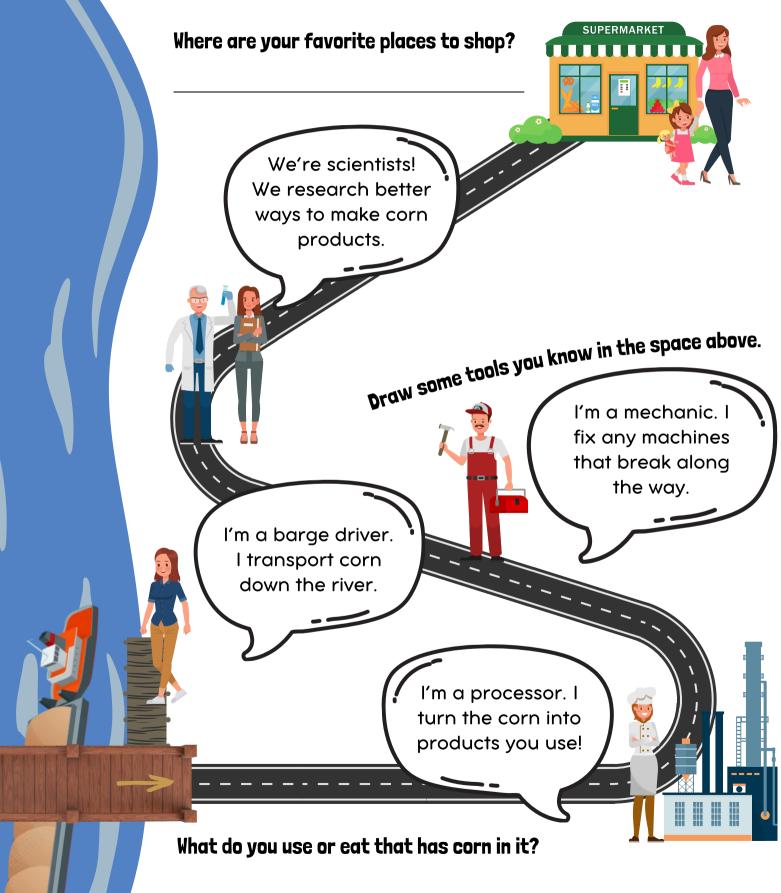
XIX

I'm a truck driver. I get the corn where it needs to go. Color in this semi truck!

There are lots of roads in Illinois. What road do you live on?

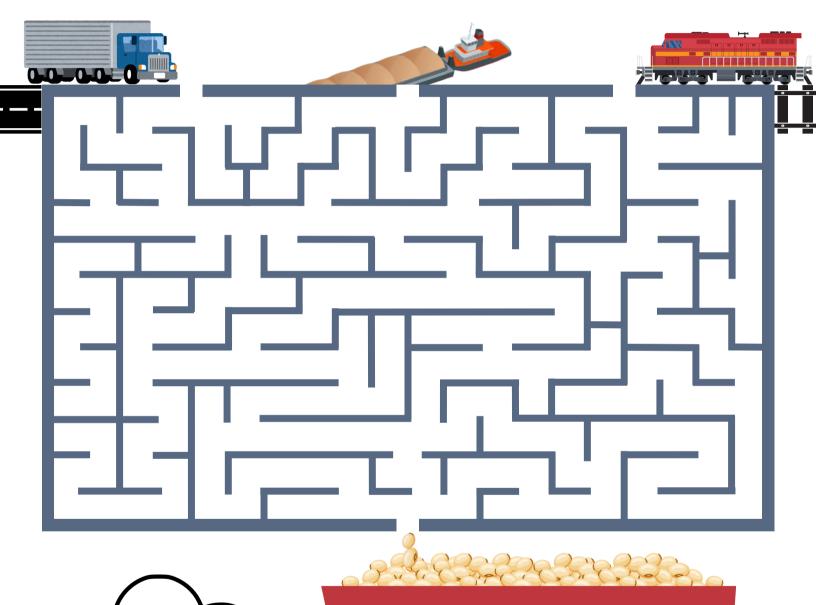
> Trains often intersect with grain elevators. Have you ever ridden on a train? With who?

...TO YOUR STORE



TRANSPORTATION MAZE

Which type of transportation is best for soybeans: roads, rivers, or rails? Solve the maze to find out!



Hmm... did you find more than one? You're right!

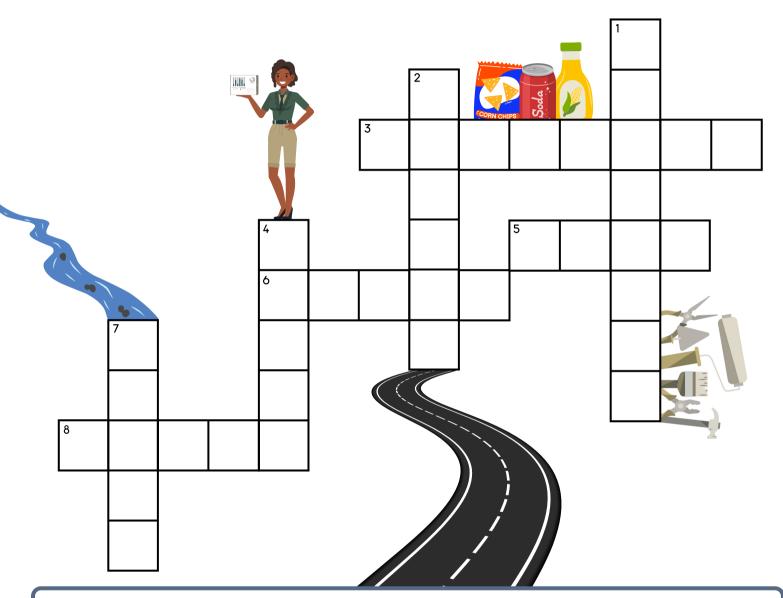
Soybeans are often transported by roads, rivers, AND rails! Sometimes it takes all three to get one bushel of soybeans where it needs to go!





GORN GROSSWORD

Solve the clues to complete the crossword puzzle. (hint: use the "From a Seed to Your Store" pages to help you!)



ACROSS

3. Processing turns corn into

_____ you use.

5. Agronomists keep corn and ____ healthy.

6. Corn is sometimes transported down the _____.

8. A _____ often intersects with the grain elevator.

DOWN

1. Mechanics fix any _____ that break along the way.

2. A truck _____ gets the corn where it needs to go.

4. The _____ marketer sells the corn.

7. A boat that transports corn down the river is called a ____.

Ó

PICK THE PATH

Some types of transportation are better for some agriculture products. Solve the riddles to find out which type of transportation is best for these agriculture products.

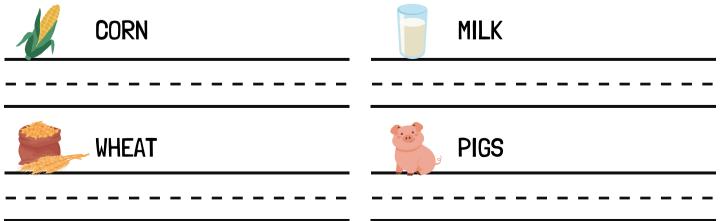
- 1. Corn is sold at a major river port.

- RIDDLES:2. Pigs need open air while they travel.
3. Milk should be refrigerated at all times.
4. Wheat needs to be kept dry and out of the wind.



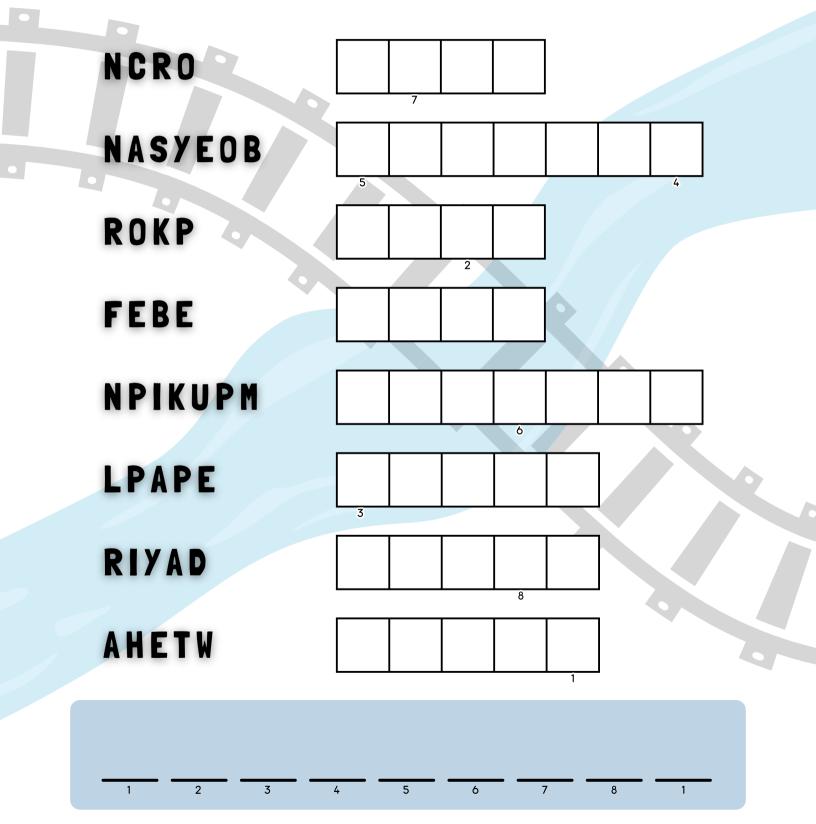
	livestock trailer	river barge	train car	refrigerated truck
K				
F				
e e e e e e e e e e e e e e e e e e e				

Write the type of transportation that should be used for each product.



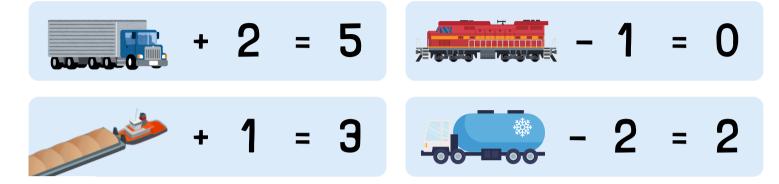
AG UNSGRAMBLE

Unscramble the names of these Illinois agriculture products. Then, use the marked letters to decode the mystery word.

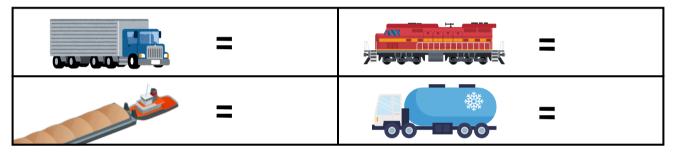


SYMBOL MATH

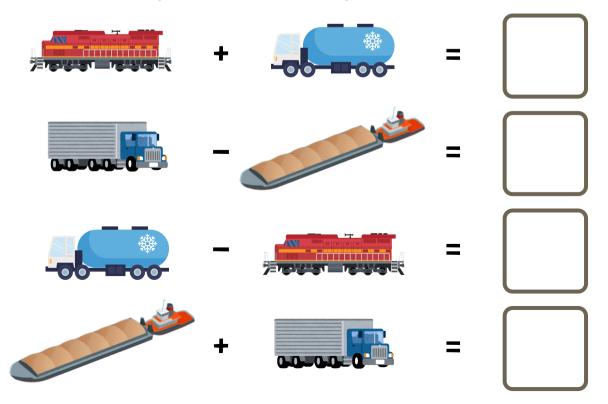
Step one: Figure out what number each symbol represents.



In the table, write what number each symbol represents.



Step two: Solve the equations below.



THE DO H Start at 0. **Count by 2s** to connect the dots to make a secret image. • 10 • 12 • 11 5 14 **•** 18 6 8 16 • 13 **9** 3 • 15 • 20 **•** 24 **9** 2 22 **•** 19 **•** 17 ĩ • 25 • 21 • 23 **9** 27 **9** 26 28 O start here! How is it used in agriculture? What did you draw?

10

