

Name _____



Ag Mag: Wheat Guided Reading Questions

Directions: Read the article titled "Wheat" one page at a time.
After reading each page, answer the questions about what you read.

What is Wheat?

1. What type of food is wheat?

2. What type of plant is wheat?

3. Define the following parts of a wheat plant by filling in the blank lines.

Tillers: 3-12 _____ on a wheat plant.

Spike: A group of _____ at the top of a tiller.

Kernel: Turn _____ before harvest.

Wheat in Illinois

4. What variety of wheat is grown in Illinois?

5. List 3 types of **foods** that use they type of wheat.

1.

2.

3.

6. List 3 **non-food** items that use Illinois wheat.

1.

2.

3.

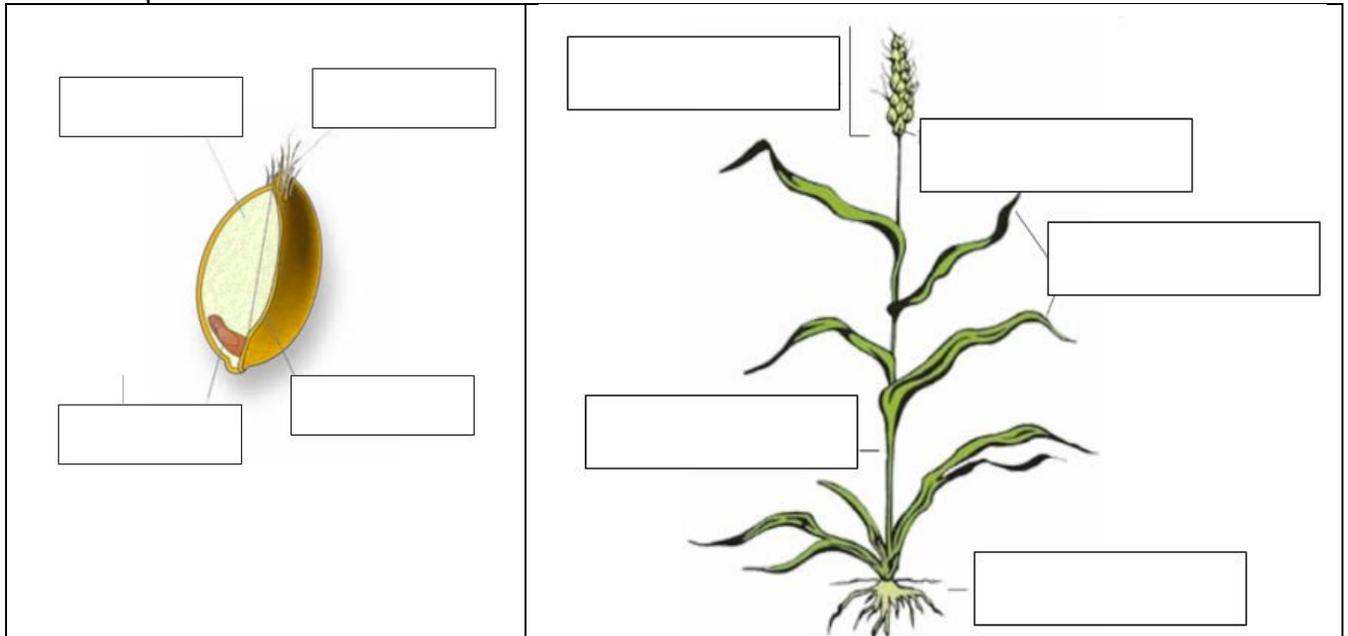
Wheat FACTS

7. How many kernels are in a pound of wheat? _____

8. TRUE or FALSE (circle one): Wheat is only grown in Illinois.

Wheat Kernel vs. Wheat Plant

9. Label the parts of a wheat kernel.



10. How do you get whole wheat flour from a whole wheat kernel?

Wheat Production and Nutrition

11. What happens to the wheat kernel after planting?

12. What area of the My Plate would you find wheat?

13. Wheat is a **complex carbohydrate**, which is the most efficient source of _____ and aids in _____ functions.

14. List 2 vitamins and minerals found in wheat.

1.

2.

Mill

15. How is **gluten** used in baking?

16. Why are **wheat germ** and **wheat germ oil** used in foods?

Growing & Exporting and Cover Crops

17. List 3 benefits of good cover crops.

- 1.
- 2.
- 3.

Wheat Timeline

18. When was wheat first planted in the U.S. as a hobby crop? _____

Career Corner

19. According to Jim Schielein, is growing wheat more popular in Southern or Northern Illinois? Explain why?

20. List 2 things that can be done to increase wheat production in Illinois, according to cereal production manager, Ken Davis?

- 1.
- 2.

Challenge!

21. A bushel of wheat weighs 60 pounds and yields 42 pounds of white flour OR 60 pounds of whole wheat flour. Two bushels of wheat would yield how many pounds of whole wheat flour?