

Name: _____

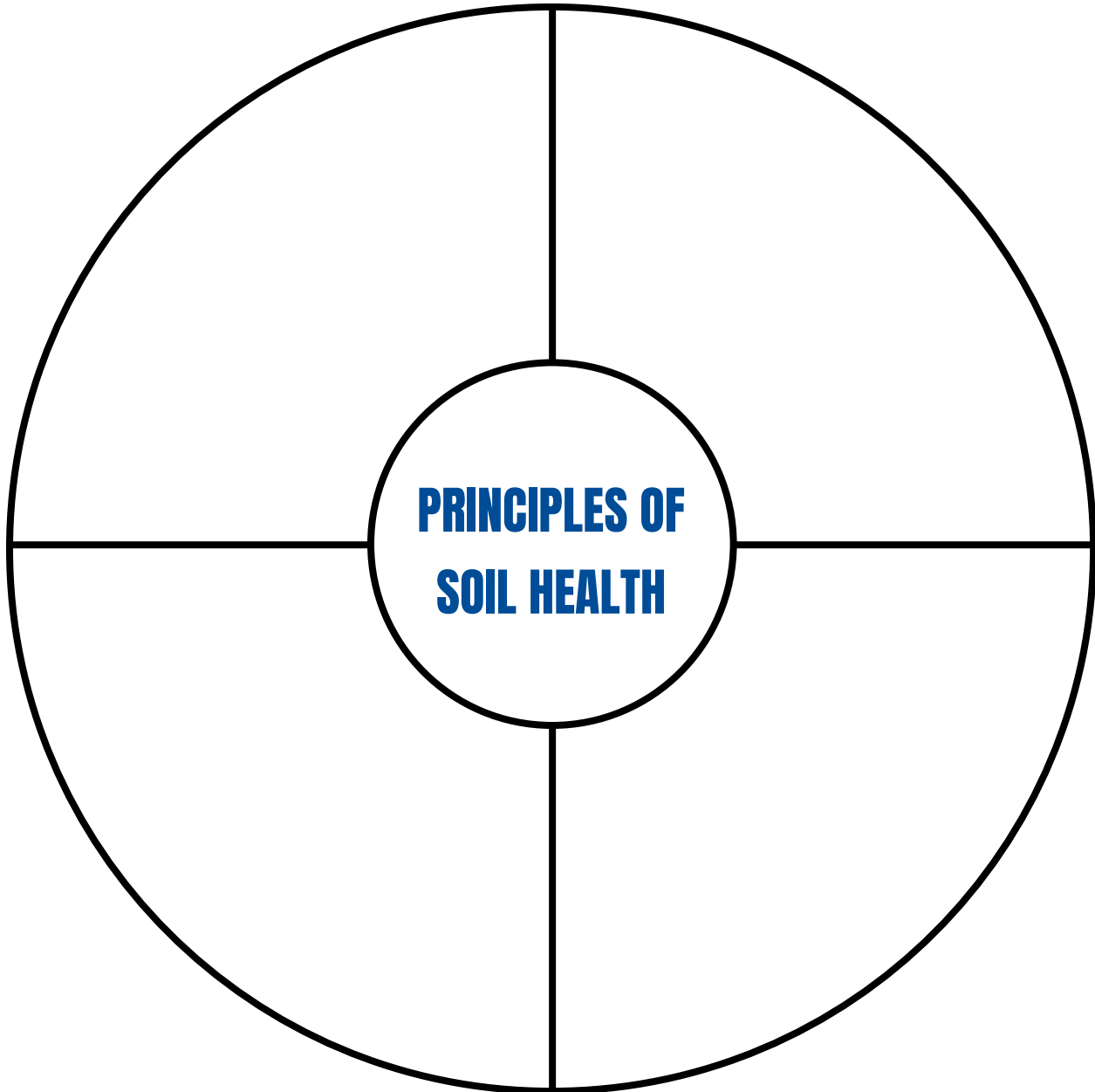
Aligned to the following standards:

CS.03; CS.04; CS.06; NRS.02; NRS.04; FFA.PL-A; FFA.PL-B; FFA.CS-M; FFA.CS-N; AG3; AG4; AG6; AG-NR2; AG-NR4; CCSS.ELA.SL.9-10.1; CCSS.ELA.RST.9-10.3; CRP.02; CRP.04; CRP.05

Principles of Soil Health

Directions:

Label the diagram below with the four principles of soil health. Then, research your assigned principle to present to your groupmates and record important information that your groupmates relay to you in each section.



1. How does each of the principles above impact soil health?
 - a.
 - b.
 - c.
 - d.

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Real Ag: Soil Health and Conservation

Directions:

As you watch the video “Real Ag: Soil Health and Conservation,” (<https://www.pbs.org/video/soil-conservation-health-9a9vbww/>) record 15 key quotes, facts or pieces of information about soil conservation shared by the individuals in the show. Answer the reflection questions after your class discussion.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

Reflection Questions:

1. What stood out to you most in the film?
2. What questions do you still have about soil health?

Soil Conservation Practices

CS.03; CS.04; CS.06; NRS.02; NRS.04; FFA.PL-A; FFA.PL-B; FFA.CS-M;
FFA.CS-N; AG3; AG4; AG6; AG-NR2; AG-NR4; CCSS.ELA.SL.9-10.1;
CCSS.ELA.RST.9-10.3; CRP.02; CRP.04; CRP.05

Use this sheet and the questions below to help you research and plan your informative piece (brochure, poster, slide show, etc.)

1. What is your selected conservation practice?
2. What types of tasks, practices, tools, etc. are involved in your selected conservation practice?
3. What are three benefits to your selected conservation practice? (What does it do for the soil?)
 - a.
 - b.
 - c.
4. What are three potential drawbacks to your selected conservation practice? (What negative impacts could it have for farmers or the soil?)
 - a.
 - b.
 - c.
5. What is a real-world example of an actual farmer, region, etc. that is using this practice successfully?
6. Why should producers adopt this conservation practice?

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Part 2

Directions:

Use the table below to record information about the different conservation practices that your classmates researched.
(Use additional paper as needed.)

Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:

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Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:
Conservation Practice:	
Benefits:	Drawbacks:

Which soil conservation practice do you believe would be most effective in our area? Why?

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Soil Conservation Practices Rubric

Category	Excellent (5 points)	Good (4 points)	Needs Improvement (2-3 points)	Missing (0-1 points)
Content Accuracy	All facts are accurate and clearly explained.	Minor errors or unclear sections	Several inaccuracies or vague explanations	Very little accurate information
Required Elements	Includes all required sections with detail	Missing one minor section	Missing one or two key sections	Missing most of the required content
Visuals	High-quality, relevant and engaging visuals	Good effort with visuals	Visuals are minimal or unclear.	Little or no visuals used
Organization and Clarity	Very well organized and easy to follow	Mostly organized with minor issues	Hard to follow in parts	Disorganized and confusing
Creativity and Effort	Shows creativity and strong effort	Good creativity and effort	Some effort shown	Minimal effort or incomplete
Total Score				/25

Notes:

[illegible]