

Name: _____

Appendix 8: Introduction to Artificial Intelligence

Part 1

Directions:

Read the article "Ag101: Introduction to Artificial Intelligence" in the spring/summer issue of *FFA New Horizons* and answer the questions below.



1. Before you read the article, list five things you already know about artificial intelligence (AI).
 - a.
 - b.
 - c.
 - d.
 - e.
2. In your own words, summarize each of the following considerations when using AI, according to the article. (One or two sentences each)
 - a. Reliability:
 - b. Plagiarism:
 - c. Assistance:
 - d. Understanding:
3. What are two reasons you may want to review information you obtain from AI sources before using it for an assignment, project or work?
 - a.
 - b.
4. What is one way the article suggests you can make sure you understand the information you've been given?
5. List two additional "pros" and two additional "cons" you can think of when it comes to using AI.

Pros	Cons:
1.	1.
2.	2.

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Part 2

Directions:

Examine the following statements about artificial intelligence use and indicate whether you believe they are true or false by circling your answer below. Then create a short code of conduct for students who are using AI tools.

1. AI tools can always be trusted to provide completely accurate information.	TRUE	FALSE
2. It is important to fact-check AI-generated information, especially if it is used for academic or professional purposes.	TRUE	FALSE
3. AI tools may produce different responses based on the wording of a question or prompt.	TRUE	FALSE
4. AI-generated text cannot contain plagiarism since it is created by a machine.	TRUE	FALSE
5. When using AI tools, users can assume that no personal data is being collected.	TRUE	FALSE
6. It's responsible to disclose when AI was used to assist with creating or editing content in an academic or professional setting.	TRUE	FALSE
7. AI can understand context as well as a human can, so it will always generate responses that are sensitive to the situation.	TRUE	FALSE
8. Using AI for academic work does not require citation or acknowledgment since it's just a tool.	TRUE	FALSE
9. AI can sometimes produce harmful or inappropriate responses based on the data it was trained with.	TRUE	FALSE
10. Any content generated by AI can be published without review or editing.	TRUE	FALSE

Consider all that you have learned about AI use. In the space below, create a brief “code of conduct” for the responsible use of AI tools in an educational setting. Consider including guidelines about plagiarism, fact-checking, privacy and safety when using AI tools, ethical concerns with AI, etc. You may consider doing some additional research on your own before finalizing your code of conduct. Write at least 10 guidelines below.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.



REFLECT: What do you believe is the most important factor to consider when using AI in educational settings?

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Part 3

Directions:

There are many AI tools designed specifically for students. In this activity, you will select two AI tools to research and answer questions about. Some AI tools are listed below; however, feel free to choose any tools you would like.

Potential AI Tools You May Consider:

- ChatGPT
- Grammarly
- Microsoft Copilot
- Notion
- Google Gemini
- Canva
- Quiziz
- Quillbot

AI Tool 1

AI Tool Name:
Category: (Circle one.) Writing Tool Study Tool Language Tool Creative Tool Math/Science Tool Other: _____
What is the tool designed to do?
Key Features/Functions:
Benefits of Students Using This Tool:
Limitations or Risks for Students Using This Tool:
Are there any ethical considerations for students using this AI tool? If so, what are they?
Give an example scenario of a student using this tool appropriately.
Give an example scenario of a student using this tool inappropriately.

Name: _____

AI Tool 2

AI Tool Name:
Category: (Circle one.) Writing Tool Study Tool Language Tool Creative Tool Math/Science Tool Other: _____
What is the tool designed to do?
Key Features/Functions: • • • •
Benefits of Students Using This Tool: • • •
Limitations or Risks for Students Using This Tool: • • •
Are there any ethical considerations for students using this AI tool? If so, what are they?
Give an example scenario of a student using this tool appropriately.
Give an example scenario of a student using this tool inappropriately.

1. Explain, in two or three sentences, your personal beliefs about the use of AI.
2. How do you think the increased use of AI will improve or harm educational settings?
3. How do you think AI will impact your life or career in the future?