



**PLANIT**  
TEACHERS

# Artificial Intelligence in Modern School: Exploring the Basics and Beyond

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**Student Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Due Date:** \_\_\_\_\_

## Introduction

Welcome to the world of Artificial Intelligence (AI)! AI is a technology that enables computers to perform tasks that typically require human intelligence, such as learning, problem-solving, and decision-making. In this worksheet, we will explore the basics of AI, its applications in education, and its potential to transform the way we learn.

**Essential Understanding:**

1. What is Artificial Intelligence (AI)?

2. Can you think of an example of AI in your daily life?

3. How do you think AI can be used in education?

### Complete these concept checks:

1. What are some ways AI can be used to automate routine tasks in education?

2. How can AI be used to personalize learning experiences?

3. Can you think of a way AI can be used to enhance student engagement?

### Section 3: Designing AI-Powered Solutions

**Imagine you are tasked with designing an AI-powered tool to help students with their homework. What would you create?**

**How would you use AI to solve a real-world problem in education?**

**Can you think of a way AI can be used to support students with disabilities?**

**What are some potential risks associated with using AI in education?**

**How can we ensure that AI systems are fair and unbiased?**

**Can you think of a way to protect student data when using AI-powered tools?**

## Section 5: Creative Thinking

**Imagine you are an AI developer tasked with creating a new AI-powered educational tool. What would you create?**

**How would you use AI to create a more interactive and engaging learning experience?**

**Can you think of a way AI can be used to support creative learning?**

## Conclusion

In this worksheet, we explored the basics of AI, its applications in education, and its potential to transform the way we learn. We also discussed the importance of AI ethics and safety, and encouraged creative thinking about the possibilities of AI in education.

## Additional Resources

For more information on AI, visit [insert website or resource](#)

To learn more about AI in education, read [insert article or book](#)

## Assessment

Complete the activities and questions in this worksheet to demonstrate your understanding of AI and its applications in education.

Share your thoughts and ideas with your classmates and teacher to discuss the potential of AI in education.