

Milo's Smart Machine Adventure: Learning to Ask Detailed Questions and Prompts

Learning Objectives by Chapter

Chapter 1: The Problem

Primary Objectives:

- Identify creative challenges and frustrations
- Understand the importance of persistence
- Recognize family relationships and meaningful gift-giving

Cross-Curricular Connections:

- ELA: Character motivation and problem identification
- Social Studies: Family traditions and cultural practices
- Arts: Creative expression and artistic challenges

Chapter 2: Learning the Basics

Primary Objectives:

- Understand the concept of specificity in communication
- Learn basic human-computer interaction principles
- Practice giving clear, detailed instructions

Cross-Curricular Connections:

- Math: Precision and accuracy in communication
- Science: Input-output relationships and cause-effect
- Technology: Basic AI interaction principles

Chapter 3: Getting Creative

Primary Objectives:

- Apply learned concepts to new situations
- Understand iterative improvement processes
- Explore creative collaboration

Cross-Curricular Connections:

- **Engineering:** Design thinking and prototype testing
- **Arts:** Collaborative creativity and style exploration
- **ELA:** Narrative structure and story development

Chapter 4: Mastery and Magic

Primary Objectives:

- Demonstrate independent application of skills
- Understand the value of human creativity
- Celebrate learning and achievement

Cross-Curricular Connections:

- **Social Studies:** Gift-giving and family relationships
- **Arts:** Personal expression and creative confidence
- **Character Education:** Growth mindset and self-efficacy

