



AI EXPLORERS

GRADES 3-5

Part 1: The Fairy Tale Sorter

Name: _____

Date: _____

⚡ How AI Works: Sorting Data

Computers use **strict rules** to sort information. Today, YOU are the computer! Look at the 10 characters below. Create *one* strict rule to sort them into exactly two groups. (Example rules: "Has Magic", "Wears a Hat", "Is an Animal").

Cinderella

Big Bad Wolf

Peter Pan

Wicked Witch

Elsa

Captain Hook

Ariel

Simba

Fairy Godmother

Shrek

My Sorting Rule: _____

Group 1: Rule APPLIES

(Write characters here)

Group 2: Rule DOES NOT Apply

(Write characters here)

Human Override: Think Critically!

Look at your two groups. Did a "good" character get grouped with a "villain" because of your strict rule? How could making strict rules to group people be unfair?

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Part 2: The 'If/Then' Recommendation Engine

Name: _____

How AI Works: Finding Patterns

Apps like Netflix or Amazon use a **Recommendation Engine**. They look at what you did in the past to guess what you want next. Fill in the blanks below to help the AI make good recommendations!



IF a student checks out library books about **Space** and **Astronauts** ...

THEN the library robot should recommend a book about _____ .



IF you watch TV shows about **Superheroes** and **Villains** ...

THEN the TV app will recommend a movie about _____ .



IF someone buys **Flour** , **Sugar** , and **Chocolate Chips** ...

THEN the smart cart might give them a coupon for _____ .



CREATE YOUR OWN ALGORITHM!

IF someone likes _____ ...

THEN recommend _____ .