

# What's Your Problem: Brainstorming AI Solutions

## Place Cards



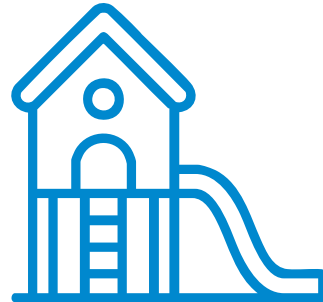
**Dentist**



**Kitchen**



**Forest**



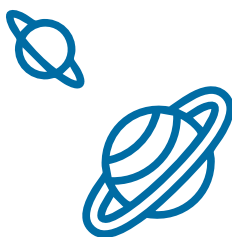
**Playground**



**Mountain**



**Pet Store**



**Outer Space**



**Library**

What's your problem ?

**PLACES**



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**Lost**



**Alone**



**Confused**



**Bored**



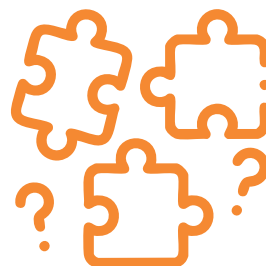
**Late**



**Busy**



**Crowded**



**Complicated**

What's your problem ?

**ISSUES**



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**ISSUES**



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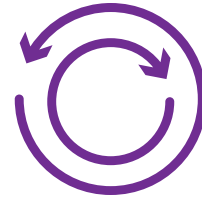
## AI Tools Cards

AI Tools can help...



**Predict**

AI Tools can help...



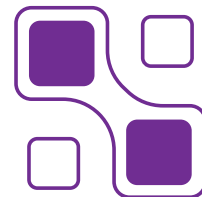
**Repeat**

AI Tools can help...



**Create**

AI Tools can help...



**Make Groups**

AI Tools can help...



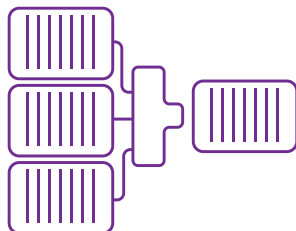
**Review Information**

AI Tools can help...



**Remember**

AI Tools can help...



**Summarize Information**

AI Tools can help...



**Make Suggestions**

# What's Your Problem: Brainstorming AI Solutions

## AI Tools Cards Back



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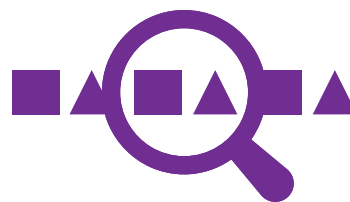
## AI Tools Cards

AI Tools can help...



**Communicate**

AI Tools can help...



**Look for patterns**

AI Tools can help...



**Find**

AI Tools can help...

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***(add your own idea)***

AI Tools can help...



**Plan**

AI Tools can help...

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***(add your own idea)***

AI Tools can help...



**Put things in order**

AI Tools can help...

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***(add your own idea)***

# What's Your Problem: Brainstorming AI Solutions

## AI Tools Cards Back



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Humans can help...



**Understand the user**

Humans can help...



**Ask clear questions**

Humans can help...



**Describe ideas clearly**

Humans can help...



**Provide correct information**

Humans can help...



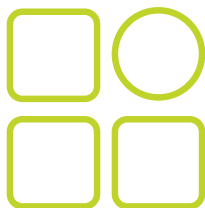
**Test**

Humans can help...

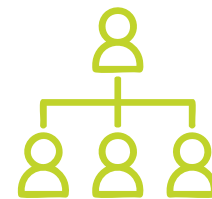


**Create a schedule**

Humans can help...



**Categorize**



**Manage people**



Brainstorming AI Solutions

**HUMAN ACTIONS**



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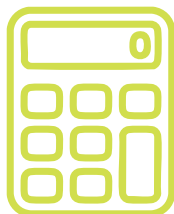
Brainstorming AI Solutions

**HUMAN ACTIONS**



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Humans can help...



**Calculate**

Humans can help...



**Give Feedback**

Humans can help...



**Decide due dates**

Humans can help...



**Recognize patterns**

Humans can help...



**Review data**

Humans can help...

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***(add your own idea)***

Humans can help...



**Make decisions**

Humans can help...

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***(add your own idea)***



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**HUMAN ACTIONS**



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# What's Your Problem: Brainstorming AI Solutions

## Human Action

Humans can help...



**check for bias to make sure that the tool has learned what you expected it to.**

- *What could go wrong with your AI?*
- *What problems would it create?*

Humans can help...



**check for mistakes**

- *What could go wrong with your AI?*
- *What problems would it create?*

Humans can help...



**make sure that it does not harm people or other living things.**

- *What could go wrong with your AI?*
- *What problems would it create?*

Humans can help...



**protect personal data**

- *What could go wrong with your AI?*
- *What problems would it create?*

Humans can help...



**make sure it is using up to date information.**

- *What could go wrong with your AI?*
- *What problems would it create?*

Humans can help...



**make sure it is useful for everyone, not just a small group**

- *What could go wrong with your AI?*
- *What problems would it create?*

Humans can help...



**make sure that the tool is used responsibly (not used to break laws or rules that cause harm).**

- *What could go wrong with your AI?*
- *What problems would it create?*

Humans can help...



\_\_\_\_\_  
(your idea)

- *What could go wrong with your AI?*
- *What problems would it create?*



**Brainstorming AI Solutions**

**BONUS HUMAN ACTIONS**



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**BONUS HUMAN ACTIONS**



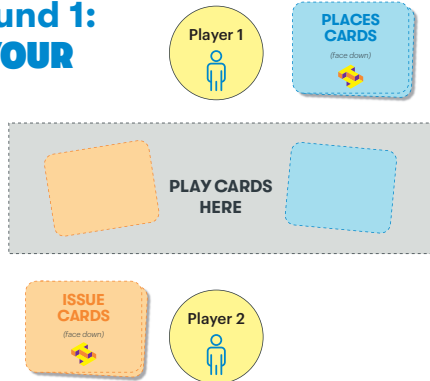
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# What's Your Problem: Brainstorming AI Solutions

## Game Directions

### Set-up for Round 1:

#### ? WHAT'S YOUR PROBLEM



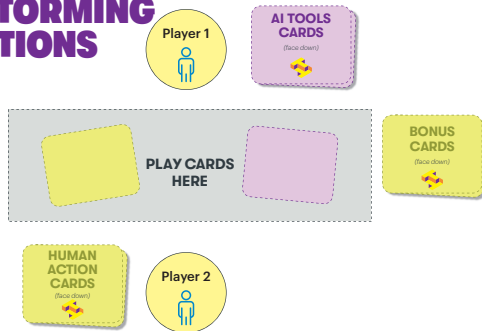
### Directions for Round 1

- Each player chooses a card from their deck.
  - Play the cards face down.
  - Count to three and turn over the cards!
- Think of a mash-up!
  - Take turns sharing a problem based on the two words.
- Repeat Steps 1-2 as many times as you want.

Choose one problem to try to solve in Round 2.

### Set-up for Round 2:

#### ☁ BRAINSTORMING AI SOLUTIONS



### Directions for Round 2

- Each player chooses a card from their deck.
  - Play the cards face down.
  - Count to three and turn over the cards!
- Think of a mash-up!
  - Imagine how an AI tool could be used by humans to solve your problem.
- Repeat Steps 1-2 as many times as you want.

#### Share your ideas with others.

- What questions do they have?
- How might your idea create more problems?
- What did you learn about AI and how it works?

### Examples of a mash-up



### Bonus Human Action Challenge

- Take one of the Bonus Human Action Cards.
- Think about what humans need to do to make sure they are prepared if AI tools create more problems.

### Data Challenge

Think about the data that an AI tool would need to solve your problem.

- How might it come from?
- Where would it come from?

### Concept Challenge

- Develop a concept sketch based on your favorite idea.
- What would this solution look like?
- How would you represent the data that is uses?