



AI Explorer: Chatting with ChatGPT!

Write prompts, check answers, and catch AI mistakes

ChatGPT is an **AI** (artificial intelligence). It is a computer program that reads and writes text. The question or instruction you give ChatGPT is called a **prompt**.

ChatGPT is great at ideas, but sometimes it writes facts that are **wrong**, even when it sounds sure. When AI makes up a wrong fact, it is called a **hallucination**. That is why we **fact-check**: we compare what AI says with a source we trust, like a book.

How we will use ChatGPT: ChatGPT is for ages 13+, so your teacher will type the class prompts and show the answers on the screen.

1 Write Your Prompt!

You are writing a story about a **flying dog**. Write a prompt asking ChatGPT to help you think of a **cool name** and a **special superpower** for the dog.

Tip: Good prompts give details. What is the dog like (funny? brave? tiny?) and what do you want back (how many ideas?)

2 ChatGPT's Answer

Your teacher will type some of the class prompts into ChatGPT. Write the **best** idea it gave.

Dog's name: _____

Superpower: _____

Why I picked it: _____



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3 Be a Fact-Checker!

A dog's name is made up, so there is no wrong answer. But a **fact** can be right or wrong. A student asked an AI chatbot: "*How many teeth does a grown-up dog have, and how do dogs cool off?*" Compare the AI's answer with the Fact Card from a science book.

AI'S ANSWER

Sentence A: "A grown-up dog has 32 teeth, the same as a person."

Sentence B: "Dogs cool off mostly by panting."

FACT CARD (SCIENCE BOOK)

A grown-up dog has **42** teeth. A grown-up person has 32.

Dogs cool off mostly by **panting**. They sweat a little through their paw pads.

a. Circle TRUE or FALSE for each sentence of the AI's answer.

Sentence A: "A grown-up dog has 32 teeth..."

TRUE / FALSE

Sentence B: "Dogs cool off mostly by panting."

TRUE / FALSE

b. Fix the hallucination. Write the correct fact.

c. Check one.

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The AI's answer was all correct.

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The AI's answer had a hallucination. I found it by checking the Fact Card.

4 Clear or Confusing?

Which prompt will get better ideas from ChatGPT? Circle **A** or **B**.

A. "dog names" **B.** "Give me 3 funny names for a tiny dog who can fly."

Why? _____

5 Think About It

Why is it OK for ChatGPT to make up a name for a story dog, but **not** OK for it to make up facts?
