

AI Literacy with Science Mom

Lesson One: can computers think?

PREPARE: fill out this part **BEFORE** watching the video lesson

One thing I wonder about AI: _____

Read each sentence. Complete the blanks with the first word or phrase that comes to mind. Then color in the confidence meter. How certain are you that the sentence is correct?

Bats are well known for being

JUST
GUESSING

100%
CERTAIN

He lit the candles on the cake and everyone sang _____

JUST
GUESSING

100%
CERTAIN

She had practiced for months and was finally ready. She took a deep breath, stepped on stage and _____

JUST
GUESSING

100%
CERTAIN

At the funeral, the family dressed in _____ as a sign of mourning.

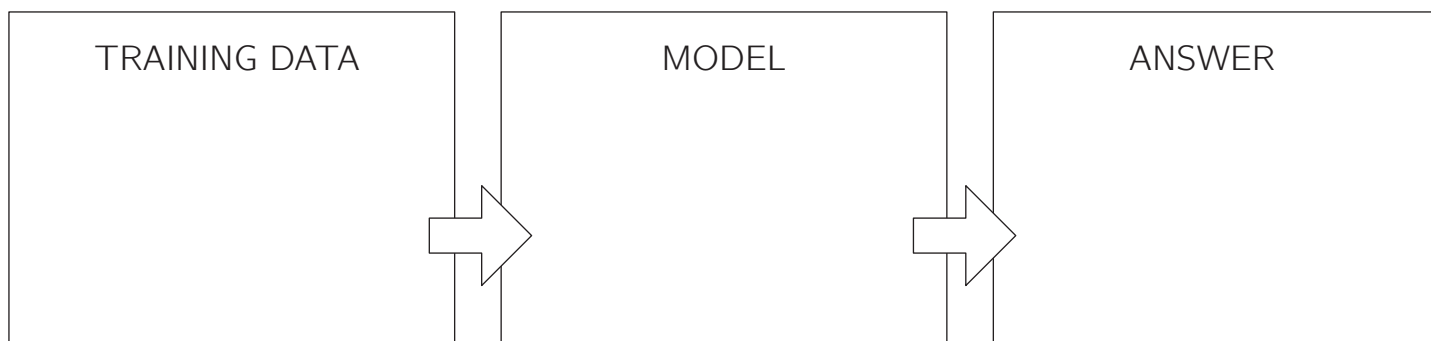
JUST
GUESSING

100%
CERTAIN

Which sentences were you most confident about? Did anything surprise you?

How is completing these sentences similar to how an AI model works? How is it different?

Draw one example of an algorithm:



When a Large Language Model (LLM) AI says: "I think" or "thinking," it means:

Why can an AI model sound confident while being completely wrong?

Main takeaway: