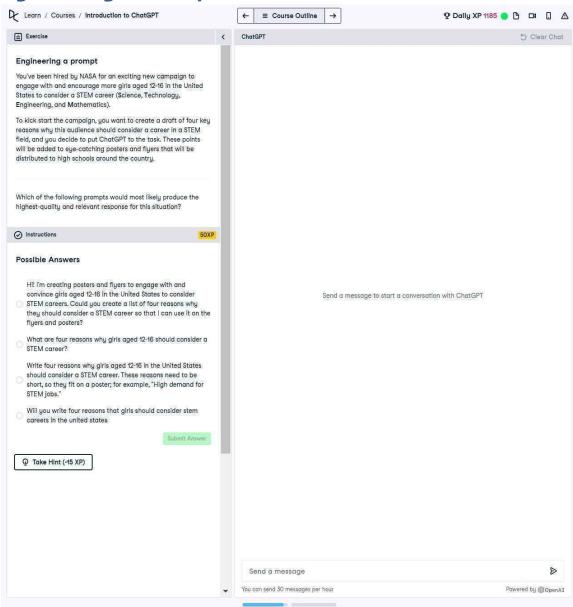
Engineering a Prompt



Question:

You've been hired by NASA for an exciting new campaign to engage with and encourage more girls aged 12-16 in the United States to consider a STEM career (Science, Technology, Engineering, and Mathematics).

To kick-start the campaign, you want to create a draft of four key reasons why this audience should consider a career in a STEM field, and you decide to put ChatGPT to the task. These points will be added to eye-catching

posters and flyers that will be distributed to high schools around the country.

Which of the following prompts would most likely produce the highestquality and relevant response for this situation?

Correct Answer:

- Write four reasons why girls aged 12-16 in the United States should consider a STEM career. These reasons need to be short, so they fit on a poster; for example, 'High demand for STEM jobs.'

Explanation:

- 1. **Why this prompt is effective:**
- This prompt provides clear and concise instructions. It specifies the target audience (girls aged 12-16 in the United States), the number of reasons (four), and the required format (short reasons suitable for posters). Including an example helps ChatGPT understand the expected response format.

Incorrect Answers:

- 1. **'Hi! I'm creating posters and flyers to engage with and convince girls aged 12-16 in the United States to consider STEM careers. Could you create a list of four reasons why they should consider a STEM career so that I can use it on the flyers and posters?':**
- While polite, this prompt is unnecessarily verbose and lacks specificity about the required response format. It could lead to a less focused output.
- 2. **'What are four reasons why girls aged 12-16 should consider a STEM career?':**
- This prompt is too generic and does not specify the format or intended use of the reasons, which may result in an output that requires additional refinement.
- 3. **'Will you write four reasons that girls should consider STEM careers in the United States?':**
- This prompt is vague and does not clarify the intended audience, required format, or purpose, which could lead to an unfocused response.