

# Chatbots & Curriculum

## DESIGN Prompt Model™



### Structuring prompts for curriculum design

#### What is the DESIGN Prompt Model

The DESIGN Prompt Model™ is a simple framework for structuring prompts when using conversational AI for curriculum design.

By clearly defining the task, context, cognitive level, format, and differentiation needs, educators can generate more meaningful and aligned outputs.

The final step — Notice & Refine — encourages reviewing AI responses and improving prompts for better results.



#### Example DESIGN Prompt

Develop a 7th grade ELA proficiency scale aligned to MO ELA RL.7.3.A. Include student-friendly learning targets and a clear learning progression from foundational understanding to transfer.


Organize the scale into four levels labeled:

- 1 = Getting Started,
- 2 = In Progress,
- 3 = On Target, and
- 4 = Advanced. Clearly define Level 3 as the standard for proficiency. Provide sample assessment evidence aligned to each level.

Include differentiation ideas for below target learners and advanced learners.

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#### The DESIGN Model

- D – Define the task**
  - What do you want AI to produce?
- E – Establish context**
  - Grade level, subject, and standards.
- S – Specify cognitive level**
  - What level of thinking is required?
- I – Identify format & assessment**
  - How should the output be organized?
- G – Guide differentiation**
  - Include supports and extensions.
- N – Notice & refine**
  - Evaluate and adjust the response.

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#### Prompt Ideas for Curriculum Work

##### Standards & Alignment

- Create lesson aligned to a standard
- Unpack standards into learning targets
- Develop essential questions

##### Assessment & Progressions

- Create or revise a proficiency scale
- Improve a rubric
- Develop learning progressions
- Generate formative assessments

##### Instructional Design

- Revise a lesson
- Create inquiry activities
- Design projects or choice boards

