# Differentiate Reading with AI

## 8 prompts to address students' reading needs and support content area learning

Following are the 8 prompts used or demonstrated during the webinar "Differentiate Reading with AI" provided free to EdAINow newsletter subscribers on 1/15/2025.

Visit https://www.edainow.com/differentiate-reading-with-ai/ for the webinar recording, quick-review version, pedagogical foundation, and transcript with embedded prompts.

**WEBINAR PROMPTS**

**1. Overcoming Overall Reading Challenges**

You are an instructional reading specialist. Rewrite the uploaded chapter from "Hatchet" at Lexile level 750. Keep all facts accurate. Use short sentences and simplified vocabulary. Include a 2-sentence summary at the end.

**2. Overcoming Decoding Barriers**

You are a literacy intervention specialist. Generate a decodable passage aligned to CCSS RF.2.3. Target pattern: Long vowel teams (ai, oa, ee). Length: 150 words. The topic of the passage should align to NGSS 2-ESS2-3. Include 5 comprehension questions at the end of the passage.

**3. Overcoming Syntax Barriers**

You are a middle school reading coach. Rewrite the uploaded passage for Grade 6 science. Break all complex sentences into short, clear sentences, following the subject-verb-object sentence structure. Do not remove any information. Preserve all academic vocabulary.

### 4. Overcoming Vocabulary Barriers

You are a Grade 5 literacy specialist. Rewrite the passage. Add student friendly definitions in parentheses for all Tier 2 and Tier 3 vocabulary words. Then create a 4-column table: vocabulary term, student-friendly definition, original sentence, revised sentence to incorporate the definition rather than the term.

### 5. Overcoming Mental Modeling Barriers

You are an instructional reading specialist. Transform the document into a Grade 8 reading lesson aligned to NGSS MS-ESS2-1. Break into short chunks. Add headings, summaries, and margin notes. Add three guiding questions per chunk: literal, inference, application.

### 6. Overcoming Background Knowledge Barriers

You are a Grade 9 social studies literacy coach. Create a 1-page student primer for the unit "The Industrial Revolution" aligned to CCSS RH.9-10.2. Include what students need to know first, key events in simple language, timeline of major events, visual description teachers can sketch on the board. Use student-friendly language.

### 7. Providing Knowledge Extensions

You are a grade 7 science curriculum designer. Generate two companion texts aligned to NGSS MS-PS1-2: one primary source, one modern scientific summary. Topic: Atomic theory. Include companion questions and synthesis prompts. Provide a student-relevant analogy.

### 8. Supporting Deeper Reading and Analysis

You are an AP instructional coach. Create advanced discussion questions aligned to CFCSS RL.11-12.6 for chapter one of The Great Gatsby. Include: perspective analysis, author bias, theme across historical contexts, modern parallels. Organize the questions by theme.

*If your staff, both teachers and school administrators, are interested in using AI*
*to provide effective learning experiences, contact EdAINow.*
*We can help you use the transformative power of AI to provide*
*high-quality learning experiences for all students.*