

Course 2 Worksheet: AI-Powered Reading Tools

This worksheet is designed to reinforce the concepts covered in Course 2. The focus is on using AI-powered reading tools such as text-to-speech, speech-to-text, and text simplification to support learners with dyslexia.

Section 1: Reflection Questions

1. What are the benefits of using text-to-speech tools for reading comprehension?
2. How can speech-to-text tools help dyslexic learners express their ideas?
3. Why is text simplification important for accessibility?
4. How do AI-powered tools personalize reading experiences for each learner?

Section 2: Fill in the Blanks

1. _____ tools convert written text into spoken words, making reading easier.
2. _____ tools allow students to dictate their thoughts, which are then converted into written text.
3. Text _____ breaks down complex language into shorter, clearer sentences.
4. AI reading tools can adjust reading _____ and voice style to suit the learner's needs.

Section 3: Match the Tools

Tool	Function
Text-to-Speech	Reads digital text aloud in a natural voice
Speech-to-Text	Allows spoken words to be converted into text
Text Simplification	Rewrites complex text into easier sentences
Personalization	Adjusts reading speed, fonts, and voice preferences

Section 4: Activity

Choose a short passage from your textbook or a favorite story. Use a text-to-speech tool to listen to it while reading along. Then, write a few sentences about how listening changed your understanding of the passage. Would you recommend this tool to a friend? Why or why not?