

Assumptions:

- Students have an understanding of how to navigate digital tools
- Teachers will adopt and regularly use provided materials and tools
- School and district leaders will prioritize literacy supports in content-area instruction
- School and district leaders will support implementation

External Factors:

- Competing district or school initiatives that may limit focus
- Teacher turnover, staffing shortages, or variability in teacher experience and training.
- Access to devices and reliable internet for digital content and tools.
- Attendance and chronic absenteeism affecting consistent access to instruction

References

- [1] Wang, E. L., Tuma, A. P., Doan, S., Henry, D., Lawrence, R. A., Woo, A., & Kaufman, J. H. (2021). Teachers' perceptions of what makes instructional materials engaging, appropriately challenging, and usable: A survey and interview study of teachers (Research Report No. RR-A134-2). RAND Corporation
- [2] Wood, S. G., Moxley, J. H., Tighe, E. L., Wagner, R. K. (2018). Does use of text-to-speech and related read aloud tools improve reading comprehension for students with reading disabilities? A meta-analysis. *Journal of Learning Disabilities*, 51(1), 73-84. doi:10.1177/0022219416688170
- [3] Swanson, E., Wanzek, J., Vaughn, S., Fall, A.-M., Roberts, G., Hall, C., & Miller, V. L. (2017). Middle school reading comprehension and content learning intervention for below-average readers. *Reading & Writing Quarterly*, 33(1), 37–53. <https://doi.org/10.1080/10573569.2015.1072068>
- [4] Deng, X., & Yu, Z. (2023). A meta-analysis and systematic review of the effect of chatbot technology use in sustainable education. *Sustainability*, 15(4), Article 2940. <https://doi.org/10.3390/su15042940>
- [5] Bus, A. G., Shang, Y., & Roskos, K. (2024). Building a stronger case for independent reading at school. *AERA Open*, 10. <https://doi.org/10.1177/23328584241267843>