NotebookLM Discussion Readings: Journal Articles

Reading Schedule

Week	Math Students Read	Science Students Read	Theme
Week 2	Strayer & Edwards (2015). Smarter cookies: An inquiry-based project. *Mathematics Teacher, 108*(8), 608-614.	Wilcox et al. (2015). Teaching science through inquiry: Seven common myths. *The Science Teacher, 82*(6), 62-67.	Analyzing and redesigning inquiry tasks
Week 4	Heritage (2007). Formative assessment: What do teachers need to know? *Phi Delta Kappan, 89*(2), 140-145.	Clinchot et al. (2017). Better formative assessment. *The Science Teacher, 84*(3), 69-75.	Assessment and eliciting student thinking
Week 12	Norval & Castaneda (2020). ELL corner: Linguistic modifications. *OJSM, 84*(1), 1-18.	Robinson (2016). Four essential strategies for differentiating science. *Science Scope, 40*(3), 60-64.	Differentiation and addressing status issues
Week 13	Reinhart (2000). Never say anything a kid can say! *MTMS, 5*(8), 478-483.	Windschitl et al. (2011). Pressing for explanation. *Ambitious Science Teaching* (Ch. 10, pp. 201-220).	Classroom discourse and questioning strategies

Why Journal Articles This Semester?

No Repeat Reading: All replaced book chapters were assigned in TCE 431 last semester.
Shorter and More Focused: Articles are 6-10 pages vs. 15-25 page book chapters.
Real Classroom Examples: Actual student work, teacher moves, and dialogue transcripts.
Discipline Balance: Math and science articles alternate each week.
Easier NotebookLM Engagement: Shorter articles work better for Audio Overviews and Study Guides.
Field-Ready Strategies: Concrete techniques you can try immediately in your placement.