REFERENCES

- Alexander, R. (2005). Towards dialogic teaching. York: Dialogos.
- Alvarez, E. (2016). Fostering open communication in a culturally diverse classroom. The Chronicle of Higher Education, September 18, 2016. https://www.chronicle. com/article/Fostering-Open-Communication/237786
- Anti-Oppression Resource and Training Alliance (AORTA). (2017). Anti-Oppressive Facilitation for Democratic Process: Making Meetings Awesome for Everyone. http://aorta.coop/portfolio_page/anti-oppressive-facilitation/
- Arao, B., & Clemens, K. (2013). From safe spaces to brave spaces: A new way to frame dialogue around diversity and social justice. In *The art of effective facilitation:* Reflections from social justice educators (pp. 135–150). Stylus Publishing, LLC.
- Bacolor, R., Cook-Endres, T., Lee, T., & Allen, A. (2014–19) How can I get my students to learn science by productively talking with each other? Science, Technology, Engineering, and Math (STEM) Teaching Tools: Practice Brief 6—Topics: InformalEd Instruction Equity. http://stemteachingtools.org/brief/6
- Barnhardt, R., Kawagley, A. O. (2005). Indigenous knowledge systems and Alaska native ways of knowing. Anthropology & Education Quarterly, 36(1), 8–23.
- Bodone, F. (2005). Introduction: Why make a difference? Counterpoints, 275 (What Difference Does Research Make and for Whom?), 1–7. Peter Lang AG. https:// www.jstor.org/stable/42978773?seg=1#metadata info tab contents
- Brown, E. (2005). Decentering dominant discourses in education: The emancipatory possibilities of our work. Counterpoints, 275 (What Difference Does Research Make and for Whom?), 59-75. http://www.jstor.org/stable/42978777
- Cazden, C. B. (2001). Classroom discourse: The language of teaching and learning (2nd ed.). Heinemann.
- Cross, P. (1999). Learning is about making connections. The Cross Papers: Number 3. League for Innovation in the Community Coll., Laguna Hills, CA.; Educational Testing Service, Princeton, NJ. https://files.eric.ed.gov/fulltext/ ED432314.pdf
- Driver, R. (1989). Students' conceptions and the learning of science. International Journal of Science Education, 11(5), 481–490.
- Ericsson, K. A., Prietula, M. J., & Cokely, E T. (2006). The making of an expert. Harvard Business Review, July-August 2007. https://hbr.org/2007/07/the-making-of-anexpert
- Garmston, R. J., & Wellman, B. M. (2016). The adaptive school: A sourcebook for developing collaborative groups (3rd ed.). Rowen & Littlefield Publishers.
- Hammond, Z. (2014). Culturally responsive teaching & the brain: Promoting authentic engagement and rigor among culturally and linguistically diverse students. Corwin.
- Kimmerer, R. W. (2015). Braiding sweetgrass: Indigenous wisdom, scientific knowledge and the teachings of plants. Milkweed Editions.



- Ladson-Billings G. (2017). Beyond beats, rhymes, & Beyoncé. In Sirrakos G., & Emdin C. (Eds.), *Between the world and the urban classroom* (Transgressions: Cultural Studies and Education) (pp. 83–94). SensePublishers.
- Lemke, J. L. (1990). Talking science: Language, learning, and values. Ablex Publishing.
- Margolin, M. (2021). Deep hanging out: Wanderings and wonderment in native California. Heyday Press.
- Medin, D. L., & Bang, M. (2014). The cultural side of science communication. PNAS September 16;111 (Supplement 4) 13621–13626; published ahead of print September 15, 2014. https://doi.org/10.1073/pnas.1317510111.
- Mehan, H. (1979). *Learning lessons: Social organizations in the classroom.* Harvard University Press.
- Michaels, S., & O'Connor, C. (2012). Talk Science Primer. TERC.
- National Research Council. (2000). *How people learn: Brain, mind, experience.*The National Academies Press. http://www.nap.edu/catalog/9853.html
- Nystrand, M., A., Gamoran, R., Kachur, R., & Prendergast, C. (1996). *Opening dialogue: Understanding the dynamics of language and learning in the English classroom.* Teachers College Press.
- Osborne, J., Erduran, S., & Simon, S. (2004). Ideas, evidence and argument in science. In-Service Training Manual and Resource Pack and Training Video. King's College London.
- Rogoff, B. (1998). Cognition as a collaborative process. In D. Kuhn, & R. S. Siegler (Eds.), Cognition, perception and language: Handbook of child psychology (5th ed., Vol. 2). Wiley.
- Rowe, M. B. (1986). Wait time: Slowing down may be a way of speeding up! *Journal of Teacher Education*, *37*(1), 43–50.
- Sadker, M., & Sadker, D. (2010). Failing at fairness: How America's schools cheat girls. Simon and Schuster
- Scott, P. H., Mortimer, E. F., & Aguiar, O. G. (2006). The tension between authoritative and dialogic discourse: A fundamental characteristic of meaning making interactions in high school science lessons. *Science Education*, *90*(4), 605–631.
- Seeds for Change. Group Agreements for Workshops and Meetings. https://www.seedsforchange.org.uk/groupagree
- Sinclair, J. McH., & Coulthard, R. M. (1975). *Towards an analysis of discourse: The English used by teachers and pupils*. Oxford University Press.
- Smith, M. K., Wood, W. B., Adams, W. K., Wieman, C., Knight, J. K., Guild, N., & Su, T. T. (2009). Why peer discussion improves student performance on in-class concept questions. *Science*, *323*(5910), 122–124. https://www.science.org/doi/10.1126/science.1165919

PROMOTING DISCUSSION

- Thinking Collaborative: Maximizing Capacity in Individuals and Organizations. Seven norms of collaboration: A supporting toolkit. https://4deefe9b-2cd7-4227-9bfc-3ed4b9a356ea.filesusr.com/ugd/6a5cc9_263cffd70d0d4a988fdfa77deaaa769c.pdf
- Thornbury, S. (1996). Teachers research teacher talk. ELT Journal, 50(4), 279–289.
- Van Zee, E. H., & Minstrell, J. (1997). Reflective discourse: Developing shared understandings in a physics classroom. *International Journal of Science Education*, 19(2), 209–228. https://doi.org/10.1080/0950069970190206
- Vygotsky, L. (1978). Mind in society: The development of higher psychological processes. Harvard University Press.
- Wellington, J. J., & Osborne, J. F. (2001). *Language and literacy in science education*. Open University Press.
- Wells, G. (1999). *Dialogic inquiry: Towards a sociocultural practice and theory of education*. Cambridge University Press.
- Wingert, K., & Podkul, T. (2014). Engaging English learners in the science and engineering. Science, Technology, Engineering, and Math (STEM) Teaching Tools #27.