

Disciplinary Literacy Resources for Mathematics

Name of Resource	Brief Description	Link to Resource
Math Language Routines	Evidence-based math language routines designed to allow all students grades K-12, including English Language Learners to develop their language skills while simultaneously engaging in grade-level mathematics	https://achievethecore.org/page/3164/mathematical-routines Principles for the Design of Mathematics Curricula: Promoting Language and Content Development (includes detailed explanations of each routine)
Smarter Balanced Construct Relevant Vocabulary	Curated list of academic terms for tested SBA grades 3-5, 6-8, and high school	https://docs.google.com/document/d/1GLYvinrkG46s4335Rk4Xvocw0qtAqzp7cvATTntW-tQ/edit?usp=sharing
Academic Language in the Secondary Level Classroom	OCID presentation slide deck on academic language in secondary mathematics (various resources are embedded throughout the slide deck)	https://docs.google.com/presentation/d/1mebVRexFB-X1683pELoJrle8SLalFi0z73Noubie6sc/edit?usp=sharing
Common Core Standards for Mathematical Practice (SMP) NCTM's Mathematics Teaching Practices (MTP)	Student and teacher practices in support of Academic Language • Construct Viable Arguments and Critique the Reasoning of Others (SMP 3) • Attend to Precision (SMP 6) • Use and Connect Multiple Representations (MTP 3) • Facilitate Meaningful Mathematical Discourse (MTP 4) • Elicit and Use Evidence of Student Thinking (MTP 8)	http://www.corestandards.org/Math/Practice/ https://www.nctm.org/uploadedFiles/Standards_and_Positions/PtAExecutiveSummary.pdf