

Curriculum Mapping Template and Review Tool

Curriculum mapping focuses on how learning standards and content are organized, aligned, and sequenced over time to ensure coherence and continuity of learning. Curriculum mapping also supports district/school priorities and initiatives by making visible where instructional frameworks, Portrait of a Graduate, equity goals, unique student populations, and improvement plan focuses are intentionally embedded across grades.

Directions: On the following pages, the Curriculum Map Template Sample and a Curriculum Map Review Tool are designed to support districts and schools with engaging in curriculum mapping. Districts and schools without an existing curriculum map are encouraged to complete the Curriculum Map Template on page 2, while districts and schools already using a curriculum map can skip the template and move on to the Curriculum Map Review Tool starting on page 3.

CURRICULUM MAP TEMPLATE SAMPLE

The Curriculum Map Template Sample (page 2) is designed to provide grade-level teams with a clear, consistent structure for developing their own curriculum maps or frameworks. Its purpose is to help educators align instructional units, learning targets, assessments, and instructional supports with the adopted curriculum, the NGMLS, and their students' specific demographics and learning needs. The template organizes essential components such as pacing, learning standards alignment, Depth of Knowledge (DOK) expectations, vertical alignment and prerequisite skills, differentiation, assessment, and interdisciplinary connections, into one coherent, user-friendly format to support collaborative planning and decision-making.

COURSE TITLE					GRADE	
District Resource Links		NYS Next Generation Mathematics Learning Standards Unpacked Learning Standards Curriculum Assessment Calendar				
Quarter / Semester / Unit						
Pacing Recommendations (including time for assessment and feedback) Unit / Lessons Weeks / Instructional Days		Learning Standards Include: Learning Targets / Success Criteria	DOK Include: what student mastery looks like	Content (list the knowledge) OR Method (list the method)	Essential Questions	
Vertical Alignment: Prerequisite Skills / Vocabulary / Common Scaffolds	District Approved Differentiation and/or Accommodations for Students with Disabilities (include specific standard alignment)	Universal Design for Learning (UDL) / Student-Centered Approaches (Accountable Talk, Choice, Cultural Connections)	Formative Assessment (Criterion-Referenced) Summative Assessment (Criterion-Referenced)	Feedback Support and Acceleration Needed (data-driven decisions)	Interdisciplinary Connections	



CURRICULUM MAP REVIEW TOOL

Following the development of a curriculum map, districts and schools can use the following optional tool to identify gaps, redundancies, and opportunities for improvement within the curriculum and instructional scope and sequence. This tool, grounded in research, evaluates learning standards alignment and developmental coherence across all grade-bands (PreK-2, 3-5, 6-8, and 9-12). Using six research-based criteria, districts and schools can strengthen alignment, coherence, and intentional planning across grade levels.

Directions: Use this optional tool to examine how skills, concepts, and learning expectations progress across grade-bands and ensure that each map demonstrates a coherent vertical sequence from one grade-band to the next. While reviewing each section, verify that teachers have identified grade-band-specific supports, scaffolds, and extension that differentiate instruction according to students’ developmental needs, readiness levels, and learner profiles within that grade-band. Please note that indicator lists are non-exhaustive examples.

CRITERION	INDICATORS	EVIDENCE / NOTES
Alignment with Learning Standards Curriculum map aligns with NGMLS , includes measurable learning objectives, and incorporates both formative and summative assessments.	☐ Fully aligns with state or national educational learning standards (explicitly labeled).	
	☐ Includes clearly defined, measurable, and aligned learning objectives for unit and daily lesson content.	
	☐ Includes Depth of Knowledge (DOK) levels and identifies content versus method.	
	☐ Provides clearly defined prerequisite skills, including vocabulary, in alignment with student readiness to master learning standards.	
	☐ Provides criterion-referenced embedded formative assessment opportunities closely aligned with lesson learning standards and objectives.	
	☐ Provides grade-level, criterion-referenced, embedded summative assessments closely aligned to unit learning standards and goals.	

CRITERION	INDICATORS	EVIDENCE / NOTES
Vertical Alignment Curriculum map ensures smooth progression of skills across grade levels and within units, supporting continuous student growth and development.	☐ Provides a clear and smooth grade-level progression within units, skills, and lessons leading towards mastery of learning standards.	
	☐ Consistently includes vertical alignment of skills across grade-bands.	
Interdisciplinary Coherence Curriculum map integrates different disciplines to enhance learning and provides real-world applications.	☐ Includes integration across different disciplines to enhance learning and make connections (e.g., geometry/art/science, literary elements).	
	☐ Provides real-world applications (e.g., school data – attendance, cafeteria items, sports performance, interviews/perceptions).	
Pacing Timelines Curriculum map includes timelines and allows for feedback, revisions, and differentiation.	☐ Includes anticipated timelines for yearly, unit, and lesson facilitation.	
	☐ Allows time for feedback and clear revision of instructional processes, including targeted intervention and differentiation for all learners (i.e., small group dedicated to reteach/extend).	

CRITERION	INDICATORS	EVIDENCE / NOTES
Curricular Materials Materials align with learning standards and objectives, integrates the <u>Culturally Responsive-Sustaining Education Framework</u> , and offers student choice and collaboration opportunities.	☐ Instructional materials are district-adopted (not individually sourced).	
	☐ Instructional materials are aligned with learning standards, academic objectives, and district focuses.	
	☐ Instructional materials are clearly integrated and links to current, diverse student needs, including ELLs, students with disabilities with individualized education programs and 504 accommodation plans, and higher achievers.	
	☐ Instructional materials include culturally relevant materials such as literature, art, and historical perspectives (e.g., community demographic data).	
	☐ Instructional materials offer student choice opportunities to enhance learning (e.g., multiple strategies, flexible groupings).	
	☐ Instructional materials offer collaboration opportunities to enhance learning (e.g., productive mathematics talk structures).	
Usability Curriculum map provides clear guidance, user-friendly materials, and integrates ongoing assessment and feedback.	☐ Provides clear guidance and resources for teacher lesson planning and instruction.	
	☐ Includes user-friendly materials and tools, including technology, for both teachers and students.	
	☐ Integrates ongoing assessment and feedback to inform instruction and support student learning (e.g., exit tickets, reflection).	

Source: Hanover Research¹

¹ "Curriculum Mapping Tool" Hanover Research, 2026.