NYSSMA
Curriculum Committee

A Standards Crosswalk Between Common Core and Music

This crosswalk documents the alignment between selected learning goals from the Common Core State Standards (CCSS) for English Language Arts (ELA), and Mathematics. As New York State has adopted these standards, it presents us with a new and dynamic opportunity to demonstrate alignment between the learning described in the standards, and the concepts commonly taught in the music classroom.

This is not an exhaustive document, but rather a beginning. The reader is encouraged to continue to build the crosswalk with additional connections from classroom experiences.

~ ELA ~

Strand	Core Curriculum standard	Music
Reading for Literature	Recount stories, fables, etc. Words/phrases describe rhythm & meaning Overall structure of story Different points of view of characters Identify who is telling story Compare/contrast 2 or more versions of story Determine theme and analyze it's development Compare/contrast written work to media version Make connections between written text and other perspectives	Folk songs Rhythms, patterns, repetition, form Form Texture & balance Timbre (melody/harmony) Theme & variations Motivic development Programmatic composition Cultural connections to music
Reading for Information	Questions re: details of text Know/use text features Meaning of domain specific words Describe overall structure of events, ideas, concepts or info Distinguish own point of view Engage in group reading w/purpose & understanding	Critical listening Expressive markings in music Music specific vocabulary Form React to music, improvisation Sing and play with others
Reading Foundational Skills	Print concepts Phonological awareness Phonics & word recognition Fluency	Read music notation, follow own part Sound production, diction, articulation Lyrics, rhythm, note reading Music reading, practice for fluency
Writing	Write opinion supporting point of view Draw evidence from text for analysis Write information/explanatory texts Production and distribution of writing Short research projects Write to support analysis of topics or text Create text in response to literary work	Critical responses, written critiques Reflection, improvement plan Program notes Program notes Short research projects Music critiques Music composition

Speaking & Listening	Ask/answer questions to clarify comprehension Create multimedia presentation of stories or poems Engage in collaborative discussions Initiate and participate effectively in collaborative work Evaluate speaker's point of view Include multimedia components to clarify information Make strategic use of digital media	Critical listening for performance in ensemble Create audio recording of performance Rehearsals, peer evaluation, group compositon Student-led chamber ensemble(s) Analyze music composition Use music software/tech in composition Enhance composition/performance through media
Language	Identify connections between words & their use Correct use for frequently confused words Use knowledge of language to write, speak, read, listen Use nuances in word meanings Distinguish shades of meanings Acquire & use domain-specific words and phrases Demonstrate command of conventions of standard English	Musical vocabulary Clarify misused vocabulary (hi/low, soft/loud) Use music vocabulary to describe music Expressive quality of lyrics Various tempi/expressive markings Write or speak about music Phrasing, articulation, expression markings

~ Math ~

Domain	Core Curriculum Standard	Music
Counting & Cardinality	Know number names & counting sequence	Know rhythmic value of notes and rests Count basic rhythms
Operations & Algebraic Thinking	Represent addition/subtract with objects Generate and analyze patterns	Math problems using note values Performance of rhythmic/tonal patterns Musical form
Number & Operations-Fractions	Understand fractions as numbers Understand fraction equivalents	Rhythmic values of notes & rests Duple/ triple meter Measures Sub-division Rhythm pyramid (whole, half, quarter, etc.)
Measurement & Data	Classify objects & count number of objects Work with time Measure lengths Describe & compare measurable attributes Represent and interpret data	Time signature Organize sound over time (rhythmic aspect) Tempo Intervals Science of sound (frequency, amplitude, etc. of sound waves)
Geometry	Identify and describe shapes Graph points to solve real-world problems Making inferences and justifying conclusions from observation	Form Melodic contour Timbral and pitch qualities of instruments (size of inst; string length; overtone series, acoustics)

Ratio & Proportional Relationships	Ratio concepts and use reasoning to solve problems	Linear arrangement of rhythmic relationships (melodic construction- augmentation, diminution) Vertical arrangement of rhythmic relationships (rhythms lining up between parts)