4th - 5th Grade Curriculum Scope and Sequence

Subject	4th	5th
Math	Review and advance skills in four processes: place value-based long division, place value to millions, simple graphs, averaging, perimeter, area, and volume; factoring; estimating; rounding; introduction to fractions and decimals; beginning geometry vocabulary	Solidify four processes with whole numbers; decimals and fractions with four processes; mixed numbers; introduction to percentages; metric system; negative numbers; introduction to geometry; freehand geometric drawing
Language Arts	Elements of grammar; parts of speech; continuing cursive; punctuation; writing well-structured paragraphs; expository writing, creative writing, narratives; prefixes & suffixes	Elements of grammar; develop proficiency with writing conventions; continuing complexity in expository writing, creative writing, narratives; simile and metaphor; symbolism and mood structure
Science	Zoology: descriptive study of animals; Alaska Native animal stories	Botany and Mycology
Social Studies	local geography and history, map making from classroom to home to region, Alaskan History, Norse Mythology, Alaska Native stories	Stories from ancient cultures: India, Persia, Mesopotamia, Egypt, Greek myths; American Geography: major land and water features, vegetation, regional culture; States and capitals; Indigenous groups by region; American tall tales
Cultural Standards	Alaska Native stories; Alaska Native adaptations, tools, art, lifestyle, and culture	Indigenous groups by geographic region; harvesting of local plants
World Language	Continuing foreign language instruction with workbooks, writing/recording orally-learned material, basic grammatical principles, and tongue twisters	Continuing instruction in a world language with further bookwork and grammar, cultural appreciation, poetry, and beginning reading
Movement	Field games, balance, games involving trickery and strategy; games exploring movement of animals, traditional Alaska Native games, and folk dances	Greek pentathlon games: javelin, discus, long jump, sprint, Greco-Roman wrestling, focus on form and appreciation of movement; games exploring strength and strategy; games with multiple props; games with team goals
Music	Singing in rounds, soprano recorder; basic notation, and time values	Advanced rounds; beginning harmony; exploring various instruments; continuing basic notation and time values
Art	Knotted forms; painting; cross stitch with mirror imaging; Alaska Native beadwork; introduction to clay	Painting; chalk drawing; embroidery; knitting hats in the round; clay modeling plant shapes