



# Meridian Academy Course Sequence

The Meridian Academy curriculum is built around three main interdisciplinary courses: Humanities, including English, literature, art and drama, history, and the social sciences; Mathematics, Science, and Technology (MST); and Spanish. Within the classroom, hands-on learning occurs through the purposeful blending of theory and practice. Students engage in activities such as explaining local history, building inventions, debating public policy, writing plays, investigating the life within a local lake, and carrying out United Nations simulations. In Spanish, students work to develop competence speaking a second language while learning about Spanish-speaking cultures the world over. Studio and performing arts, health, community service, and physical education are integrated within and across these three core courses and are also taken as independent classes.

Meridian's curriculum teaches students how to carry out long-term academic research projects. These projects may be theoretical in nature or have an applied focus. The ability to succeed with a complex research effort is carefully developed throughout the years at Meridian. By the time students reach their junior year, they are ready to undertake an original, year-long project, the Junior Research Project. Each junior, supported by a teacher mentor and a weekly seminar, investigates an academic question that they pose. Their responses to these questions take a variety of forms, including laboratory experiments, research papers, a literary analysis coupled with a creative piece, a curriculum for teaching a subject, and works of art.

		Math, Science and Technology	Humanities	Spanish	
Division 1	Grade 6	Engineering	Heroes and Villains	Spanish 1	
	Grade 7	Doing Research in Mathematics and Science	Media and Journalism	Spanish 1.5	
Division 2	Grade 8	Marine Science	Constitution Nation	Spanish 2	
Division 3	Grade 9	Revolutions in Mathematics and Science	Human Resilience	Spanish 3	
	Grade 10	Human Biology and Decision-making	American Historiography	Spanish 4 and Community Service	
Division 4	Grade 11	Physics and Calculus: An Intertwined History of Discovery	Civilization From East to West	Spanish Literature	Junior Research Project Seminar
	Grade 12	Mathematics and Science Electives	Humanities Electives: Psychology, Philosophy, Economics	Spanish Conversation	Senior Internships