

	9th Grade	10th Grade	11th Grade	12th Grade	
HUMANITIES	History*	The global community: world religions, non-Western cultures (including Israel) Globalization and development Holocaust unit	Evolution of Western ideals: Western civilizations and Jewish history from ancient times to the Renaissance	Emergence of modernity: European, American and Jewish history from the Reformation to the 19th century	Democracy and global politics: European, American, Israeli and Jewish history in the 20th Century
	English*	Telling stories by genre: memoir, short story, epic, novel, poetry and drama writing about literature Personal and descriptive writing	Classical and modern literature by theme Analytical and creative writing techniques	American literature in historical and cultural contexts Analytical and autobiographical writing techniques	The traditional novel Shakespeare and modernism Close reading analysis and creative writing Trimester 2 electives/grouping by student choice
MATH, SCIENCE & TECHNOLOGY	Math*	Sequence 1: Algebra I, Part 2 (Regular or Topics in Math) Sequence 2: Geometry (Intensive or Honors) Sequence 3: Algebra II (Honors)	Sequence 1: Geometry (Regular or Explorations) Sequence 2: Algebra II (Intensive or Honors) Sequence 3: Elementary Functions (Honors)	Sequence 1: Algebra II (Regular or Topics in Math) Sequence 2: Elementary Functions (Intensive or Honors) Sequence 3: Calculus (Honors)	Sequence 1: Trigonometry or Introduction to Statistics and Trigonometry Sequence 2: AP Statistics or AP Calculus (AB) Sequence 3: AP Calculus (BC)
	Science*	Biology (Grade-level, Intensive or Honors)	Chemistry (Grade-level, Intensive or Honors)	Physics (Grade-level, Intensive or Honors)	Anatomy and Physiology AP Biology AP Environmental Science AP Physics
	STEAM Institute (By application)	Introduction to engineering, systems, control systems, basic electronics, Arduino microcontrollers, CAD design & 3-D printing, coding, data processing and graph analysis	Biomedical engineering, forces and motion, biomechanics of the human body, the circulatory system, the nervous system, artificial neural networks, bioelectronics and artificial intelligence	Introduction to the STEAM research process	Independent STEAM research for 12th grade students
LANGUAGES	World Languages	French Latin Spanish	French Latin Spanish	French Latin Spanish	French Latin Spanish
	Hebrew*	Introduction to Hebrew through Advanced	Introduction to Hebrew through Advanced	Beginner through Advanced	Beginner through Advanced - Literature (Honors)
ISRAEL	Israel Education	Zionism and nationalism in the historical perspective	Prophetic voices in ancient Israel and moral dilemmas in contemporary Israel	Trimester study in Israel (Muss High School) Interdisciplinary seminar on contemporary Zionism and politics	Global influences on the modern Middle East and politics, modern Israeli history and politics
JEWISH STUDIES (Choice of one of 3 tracks)	Beit Midrash	Four movements in the American Jewish community Introduction to Talmud study skills Babylonian Talmud Selected passages from Babylonian Talmud on civic discourse and pluralism	Talmud, commentaries and Maimonides on Shabbat and prayer; individual ethics projects	Constructive dialogue and disagreement in the Talmud	Theme-based study of rabbinic and modern Jewish perspectives on gender, sexuality and relationships; rabbinic and modern Jewish perspectives on interreligious dialogue and on Christianity and Islam
	Tanakh/Bible and Jewish Studies	Literary Genres in the Torah (Exodus, Leviticus, Numbers) Pluralism in American Jewish society; Jewish law; Jewish prayer	Prophets and prophecy (Kings, Jeremiah, Isaiah) Ethical foundations of Jewish thought; sanctity of life and medical ethics; business ethics; contemporary moral issues in Israel	Theology in the Tanakh (Psalms, Proverbs, Esther, Job) Theological issues around reward and punishment; theological issues around free will and repentance	Electives: Jewish Leadership Initiative (JLI), Jewish Philosophy, Jewish Literature, Jewish Perspectives on Contemporary Issues, Talmudic Legends, Church and State, Jewish Film
	Sha'ar Hadash: Jewish Ideals	Experiential Jewish studies in English for new 9th/10th grade students. Introduction to Jewish biblical studies, the Jewish calendar, Jewish life cycle events, contemporary Jewish society, and key Jewish concepts	Experiential Jewish studies in English for new 9th/10th grade students. Introduction to Jewish biblical studies, the Jewish calendar, Jewish life cycle events, contemporary Jewish society, and key Jewish concepts		
ELECTIVES	Electives	3-D Printing and Laser Cutting, Bias in the Media, Biology SAT Prep, Creative Writing, Drama, English Study Center, Financial Literacy, Formation of the Torah, Guitar, Introduction to Coding, Mock Trial, Mosaics, Painting, Rube Goldberg Machines, Sculpting and Ukulele	3-D Printing and Laser Cutting, Bias in the Media, Chemistry SAT Prep, Creative Writing, Drama, English Study Center, Financial Literacy, Formation of the Torah, Guitar, Introduction to Coding, Mock Trial, Mosaics, Painting, Rube Goldberg Machines, Sculpting and Ukulele	3-D Printing, Advanced Art Portfolio Preparation, Coding, Economics: Financial Life, Economics: Politics, Engineering, Laser Cutting	AP Computer Science, AP Government, AP Literature, AP Psychology 3-D Printing, Advanced Art Portfolio Preparation, Coding, Economics: Financial Life, Economics: Politics, Engineering and Laser Cutting
GWM/HEALTH	Physical Education and Health	Mental health and drug education Strength and agility, net sports and yoga and pilates	Sex and relationships, nutrition and drivers' education Strength and agility, net sports, yoga and pilates	Basic first aid, CPR, healthy lifestyle choices Personal fitness and athletic skills	

*= By Level