



Wornick  
Jewish  
Day School



# Academic Excellence, Jewish Values, Leadership Curriculum

	Elementary K-1	Elementary 2-5	Middle School 6-8				
MATHEMATICS	<ul style="list-style-type: none"> <li>Number fluency</li> <li>Basic arithmetic skills</li> </ul>	<ul style="list-style-type: none"> <li>Understanding whole to part relationships</li> <li>Introduction to variables</li> </ul>	<ul style="list-style-type: none"> <li>Full range of high-school math preparation including pre-algebra and algebra</li> <li>Analysis of math functions and higher level problem solving</li> <li>Real life applications</li> </ul>				
SCIENCE	<ul style="list-style-type: none"> <li>Nature (Plants, Bugs, Animals)</li> <li>Human Body (Nutrition, Motion, Hygiene)</li> <li>Earth Science and Astronomy</li> </ul>	<ul style="list-style-type: none"> <li>Mechanical, physical matter and functions</li> <li>Develop critical thinking skills</li> <li>Geology, Environment, Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Scientific inquiry and research-based process</li> <li>Multi-dimensional teaching methodology including lab skills</li> <li>Strengthen critical thinking skills through discovery and analysis</li> </ul>				
LANGUAGE ARTS	<ul style="list-style-type: none"> <li>Phonics and reading fluency</li> <li>Whole language</li> <li>Public speaking</li> </ul>	<ul style="list-style-type: none"> <li>Strong literacy skills incorporating rhetorical conventions</li> <li>Presentation of written and project work</li> </ul>	<ul style="list-style-type: none"> <li>Literary analysis focused on the classics and modern texts</li> <li>Strong essay, critical and creative writing skills</li> <li>Refinement of debate and presentation skills in public forums</li> </ul>				
SOCIAL STUDIES	<ul style="list-style-type: none"> <li>Community building, cultural awareness</li> <li>Map reading skills</li> <li>Learning the functions of cities and towns</li> </ul>	<ul style="list-style-type: none"> <li>State and US history</li> <li>Democracy in action</li> <li>Global cultural history</li> </ul>	<ul style="list-style-type: none"> <li>Ancient, Renaissance, European and Asian history</li> <li>US government, current events, philanthropy</li> <li>Historical research and use of primary sources</li> </ul>				
HEBREW	<ul style="list-style-type: none"> <li>Phonics and reading fluency</li> <li>Daily Hebrew immersion</li> </ul>	<ul style="list-style-type: none"> <li>Ivrit b'Ivrit - Hebrew in Hebrew</li> <li>Hebrew immersion: conversational, reading and writing</li> </ul>	<ul style="list-style-type: none"> <li>Conversational fluency</li> <li>Embracing modern culture of Israel</li> <li>Essay writing skills</li> </ul>				
JUDAIC STUDIES	<ul style="list-style-type: none"> <li>Familiarity with customs and traditions, holidays and Shabbat</li> <li>Introduction to Israel</li> </ul>	<table border="1"> <tr> <td> <ul style="list-style-type: none"> <li>Siddur skills</li> <li>Rituals</li> <li>Morals and values</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>Torah analysis</li> <li>Jewish history</li> <li>Trope chanting</li> </ul> </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <ul style="list-style-type: none"> <li>Israel connection</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>Siddur skills</li> <li>Rituals</li> <li>Morals and values</li> </ul>	<ul style="list-style-type: none"> <li>Torah analysis</li> <li>Jewish history</li> <li>Trope chanting</li> </ul>	<ul style="list-style-type: none"> <li>Israel connection</li> </ul>		<ul style="list-style-type: none"> <li>Strong identity with Israel culminating in 8th grade trip to Israel</li> <li>Jewish community values</li> <li>History, traditions &amp; culture: past, present &amp; future</li> </ul>
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TECHNOLOGY	<ul style="list-style-type: none"> <li>Keyboard and mouse skills</li> <li>Computer-generated art</li> <li>Basic computing functions</li> <li>1:1 laptop program</li> </ul>	<ul style="list-style-type: none"> <li>Word processing</li> <li>Introduction to Smart Board skills</li> <li>Online research and safety</li> </ul>	<ul style="list-style-type: none"> <li>Laptop Program including laptops for each student loaded with the latest software and graphics applications</li> <li>Integrated laptop use into all academic areas</li> <li>8th graders responsible for web page and movie</li> </ul>				
THE ARTS	<ul style="list-style-type: none"> <li>Songs and rhythm</li> <li>Arts and crafts</li> <li>Multiple classes per week</li> </ul>	<ul style="list-style-type: none"> <li>Choral singing in English and Hebrew</li> <li>Famous artists and art in their styles</li> </ul>	<ul style="list-style-type: none"> <li>Art Electives and supplementary programs</li> <li>Dramatic Arts including Shakespeare</li> <li>Artists in Residence program</li> </ul>				
SERVICE LEARNING/ LEADERSHIP	<ul style="list-style-type: none"> <li>Year-long class service project</li> <li>Hands-on service to the community</li> <li>Leadership – self-responsibility</li> </ul>	<ul style="list-style-type: none"> <li>Reading program with seniors and pre-schoolers</li> <li>Care packages to Israel</li> <li>Leadership – group responsibility</li> </ul>	<ul style="list-style-type: none"> <li>6th Grade service projects</li> <li>7th Grade major Tzedakah Project</li> <li>8th Grade community service hours</li> <li>Leadership – community responsibility</li> </ul>				
PHYSICAL EDUCATION	<ul style="list-style-type: none"> <li>SPARK curriculum – exemplary, research-based physical program</li> <li>PJCC's beautiful Byer Athletic Facility including indoor and outdoor pools</li> <li>Nutrition, healthy lifestyle, safety and sportsmanship.</li> </ul>		<ul style="list-style-type: none"> <li>SPARK curriculum plus girls and boys intramural sports in the Small Schools Intermediate League (SSIL) – Basketball, Soccer, Volleyball, Cross Country, Golf and Tennis and Flag Football</li> </ul>				