

## DDP Curriculum Map full year

Standards	Content	Skills/Practices	Materials/ Resources	Assessments (All) Daily/Weekly/ Benchmarks	Timeline (Months/Weeks /Days)
MST standards: 1,3,5	<p>Intro to technical drawing.</p> <ul style="list-style-type: none"> <li>-Measuring to 1/16"</li> <li>- Sketching</li> <li>- Line Quality</li> </ul> <p>Basic intro to orthographic drawing and dimensioning</p>	Teamwork, organization, critical thinking	<p>Handouts</p> <ul style="list-style-type: none"> <li>- line sheets 1,2 &amp;3</li> <li>-Measuring handouts</li> </ul> <p>Drawings:</p> <ul style="list-style-type: none"> <li>-2" cube</li> <li>-C-block</li> <li>-U-block</li> <li>-Simple bracket</li> <li>-Sheet 2-4 drawings</li> </ul>	Completion of all drawings	10 weeks

<p>MST standards: 1,2,3,5</p>	<p>Structures unit</p> <p>Advanced orthographic drawings on “B” size drawing paper with more extensive dimensioning</p>		<p>200 lb paper project</p>	<p>Class competition to hold 200 lbs. with one piece of paper</p>	<p>1 week</p>
<p>MST standards: 1,3,5</p>	<p>Project: Bridge building</p>		<p>Truss and Suspension bridge design project</p>	<p>Class completion on bridge design and building.</p>	<p>5 weeks</p>
<p>MST standards: 1,3,5</p>	<p>Drafting techniques</p>		<p>Drawings 5-8</p> <p>Teams of 2, design and build a mag-lev car and compete against the other teams in the class</p>	<p>Completion of all drawings</p> <p>Design of final vehicle, evaluate partners role, competition grade</p> <p>Completion of all</p>	<p>4 weeks</p> <p>6 weeks</p>

	Project: Mag Lev		Drawings 9-13	drawings	4 weeks
	Drafting techniques		Teams of 2, draw top view/floor plan of 12x18 room. Construct all furniture, walls, window- all to scale.	Grades: scale, 10 moveable pieces, craftsmanship, partner eval, project report	6 weeks
	Project: Dorm room design		Isometric drawings 2-7	Complete all drawings for accuracy and neatness.	4 weeks
	Drafting techniques				
