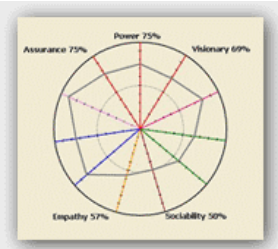


## Becoming a whole person

Howard Gardner: Need to integrate additional skills to create a whole person	<p>Good person</p> <p>You can have plenty of grit, and multiple wits but they need to be directed towards becoming a:</p> <ul style="list-style-type: none"> <li>• Good Person</li> <li>• Good Worker</li> <li>• Good Citizen</li> </ul>
Why do I want to take these classes?	<ul style="list-style-type: none"> <li>• Engagement, Cultural growth</li> <li>• Personal growth</li> <li>• Fulfillment</li> </ul>



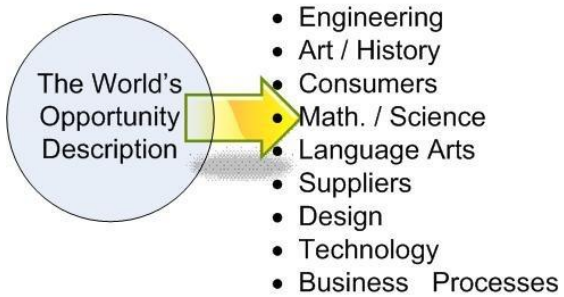
After-school and/or on-line classes which containing the following:	
<b>Student Assessment\</b> 	Each student will receive a personalized assessment of their strength (skills and traits) and discuss what they want to achieve. A "success plan" will be created to measure and provide feedback to the student as they engage in their course of study.
Course contains the following four areas:	
1.0 Thinking skills	<ul style="list-style-type: none"> <li>• Creative thinking</li> <li>• Critical thinking</li> <li>• Questioning</li> <li>• Reflection</li> <li>• System thinking</li> </ul>
2.0 Character/ Strength's	<ul style="list-style-type: none"> <li>• Habits of mind</li> <li>• VIA 24 strengths and virtues</li> </ul>

## Becoming a whole person

3.0 Social skills	<ul style="list-style-type: none"> <li>• <b>Self-awareness:</b> the cornerstone of emotional intelligence-a capacity to recognize your feelings as they occur</li> <li>• <b>Emotional control:</b> an ability to manage your emotional reactions, control impulse, and to recover from life's upsets</li> <li>• <b>Self-motivation:</b> skill at using your emotions in the service of a goal, staying hopeful despite setbacks</li> <li>• <b>Empathy:</b> emotional sensitivity to others; a talent for tuning into others' feelings, and reading their unspoken messages</li> <li>• <b>Handling relationships:</b> grace in dealing with others-strong social skills are the key to popularity, leadership, and interpersonal effectiveness</li> </ul>
4.0 Work and Citizenship skills	<ul style="list-style-type: none"> <li>• <b>Business (empowerment and innovation)</b></li> <li>• <b>Science</b></li> <li>• <b>Organizational ( cultural and societal)</b></li> <li>• <b>Innovative</b></li> </ul>



### Taught by integrating the learning in project based activities:

<ul style="list-style-type: none"> <li>• Feed the World</li> <li>• Heal the World</li> <li>• Clean the World</li> <li>• Power the World</li> <li>• Respect the World</li> <li>• Connect the World</li> </ul> <p>from WPI/Nobel Skills</p>	 <p>Elements used in the projects</p>
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## Becoming a whole person

Using engineering design process on a selected “world problem”	<ul style="list-style-type: none"><li>• How do we integrate social skills, emotional skills and thinking skills into this project?...</li><li>• Vocabulary</li><li>• Problem solving process</li><li>• Collaboration</li><li>• Reflection and feedback</li><li>• Presentation</li></ul>
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<b>Follow-on learning:</b> <i>Review success plan and create a yearly plan for additional courses or enhancements to existing classes.</i> <i>Create a study-buddy to work together with monthly meetings.</i>	<ul style="list-style-type: none"><li>• Writing &amp; discussion about the vocabulary with family and friends</li><li>• Addition projects</li><li>• On-line collaborations /BLOGs</li><li>• Tutorials</li></ul>
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# Becoming a whole person

## Revised Bloom Taxonomy



How can we design a product or process that creates value for society or the character?

What elements are important to solving the problem?

Which design challenge best fits our needs?

How can we connect these design challenges (problems) to science and math

Can you find any problems or issues that some of the characters are having?

What happens in the story?

## VIA Classification of Character Strengths and Virtues



*The Character Strengths of a Flourishing Life*

WISDOM	COURAGE	HUMANITY	JUSTICE	TEMPERANCE	TRANSCENDENCE
<b>Creativity</b> Originality; adaptive; ingenuity	<b>Bravery</b> Valor; not shrinking from fear; speaking up for what's right	<b>Love</b> Both loving and being loved; valuing close relations with others	<b>Teamwork</b> Citizenship; social responsibility; loyalty	<b>Forgiveness</b> Mercy; accepting others' shortcomings; giving people a second chance	<b>Appreciation of Beauty and Excellence</b> Awe; wonder; elevation
<b>Curiosity</b> Interest; novelty-seeking; exploration; openness to experience	<b>Perseverance</b> Persistence; industry; finishing what one starts	<b>Kindness</b> Generosity; nurturance; care; compassion; altruism; "niceness"	<b>Fairness</b> Just; not letting feelings bias decisions about others	<b>Humility</b> Modesty; letting one's accomplishments speak for themselves	<b>Gratitude</b> Thankful for the good; expressing thanks; feeling blessed
<b>Judgment</b> Critical thinking; thinking things through; open-minded	<b>Honesty</b> Authenticity; integrity	<b>Social Intelligence</b> Emotional intelligence; aware of the motives/feelings of self/others; knowing what makes other people tick	<b>Leadership</b> Organizing group activities; encouraging a group to get things done	<b>Prudence</b> Careful; cautious; not taking undue risks	<b>Hope</b> Optimism; future-mindedness; future orientation
<b>Love of Learning</b> Mastering new skills & topics; systematically adding to knowledge	<b>Zest</b> Vitality; enthusiasm; vigor; energy; feeling alive and activated			<b>Self-Regulation</b> Self-control; disciplined; managing impulses & emotions	<b>Humor</b> Playfulness; bringing smiles to others; lighthearted
<b>Perspective</b> Wisdom; providing wise counsel; taking the big picture view					<b>Spirituality</b> Religiousness; faith; purpose; meaning

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## Becoming a whole person

### Characteristic of thinking

Questioning	Reflection	Creative thinking
Critical thinking	System thinking	Curiosity

### Habits of Mind ... Professor Art Costa

Persistence	Managing Impulsivity	Listening with Empathy and Understanding
Thinking Flexibly	Striving for Accuracy	Thinking about your Thinking : Meta-cognition
Thinking and Communicating with Clarity and Precision	Applying Past Knowledge	Questioning and Posing Problems
Gathering Data Through All Senses	Creating, Imagining & Innovating	