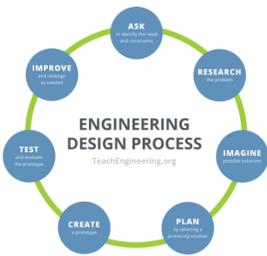
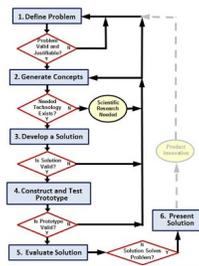


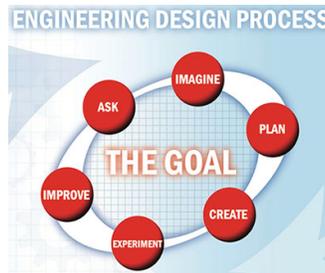
Comparative Analysis of the Engineering Design Process



Source: teachengineering.org UC Boulder



Source: Project Lead the Way



Source: nasa.gov NASA Education

Similarities:

- Cyclical process
- Research/Build/Test
- Encourages teamwork and collaboration

Differences:

- PLTW incorporates existing resources & technologies
- PLTW includes presentation / implementation of results

Synthesis

<p>Define the problem Identify requirements Identify constraints</p>	<p>Research Determine what we already know Collaborate</p>	<p>Imagine Brainstorm Communicate your ideas</p>	<p>N2K</p> <p>Determine what we NEED 2 KNOW Research available technology</p>	<p>Build prototype(s)</p>	<p>Test prototype(s) Communicate results</p>
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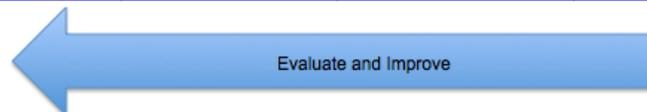


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