



<p>BUCK INSTITUTE FOR EDUCATION</p> 	<p>VAN ANDEL INSTITUTE FOR EDUCATION</p> 
<p><b>CHALLENGING PROBLEM OR QUESTION</b> The project is framed by a meaningful problem to be solved or a question to answer, at the appropriate level of challenge.</p>	<ul style="list-style-type: none"> <li>• Blue Apple projects begin with a driving question that is provocative and engaging, most often challenging students to think about how they can make the world a better place.</li> <li>• Every project begins with a game, demonstration, or “aha” moment that kickstarts curiosity and amps up engagement in introducing the driving question.</li> </ul>
<p><b>SUSTAINED INQUIRY</b> Students engage in a rigorous, extended process of posing questions, finding resources, and applying information.</p>	<ul style="list-style-type: none"> <li>• Each project transpires over 8-10 lessons, where students construct meaning and discover solutions while building work ethic and perseverance.</li> <li>• Each lesson contains a specific learning target that focuses the inquiry process.</li> </ul>
<p><b>AUTHENTICITY</b> The project involves real-world context, tasks and tools, quality standards, or impact, or the project speaks to personal concerns, interests, and issues in the students’ lives.</p>	<ul style="list-style-type: none"> <li>• Every Blue Apple project engages students in making their world a better place. Students study content in the context of a real-world problem.</li> <li>• To boost authenticity, Blue Apple has included classroom-friendly industry experts related to each project, with ready-to-show videos or contact information to coordinate live connections.</li> </ul>
<p><b>STUDENT VOICE AND CHOICE</b> Students make some decisions about the project, including how they work and what they create.</p>	<ul style="list-style-type: none"> <li>• Blue Apple projects provide multiple options for students to drive the process of learning and the composition of the final product. All options for student choice are at teacher discretion.</li> </ul>
<p><b>REFLECTION</b> Students and teachers reflect on the learning, the effectiveness of their inquiry and project activities, the quality of student work, and obstacles that arise and strategies for overcoming them.</p>	<ul style="list-style-type: none"> <li>• Every lesson in Blue Apple projects ends with reflection questions that help students process learning by thinking critically and applying what they’ve learned.</li> <li>• To support reflective conversations, each project includes assessment rubrics for both the process and the product.</li> </ul>
<p><b>CRITIQUE AND REVISION</b> Students give, receive, and apply feedback to improve their process and products.</p>	<ul style="list-style-type: none"> <li>• Every project requires continuous iterative thinking by including a “Fix It Up” stage that supports giving and receiving feedback for meaningful revisions to both process and product.</li> </ul>
<p><b>PUBLIC PRODUCT</b> Students make their project work public by explaining, displaying and/or presenting it to audiences beyond the classroom.</p>	<ul style="list-style-type: none"> <li>• Every “Share Your Awesome” step includes multiple ideas for presenting student work in a public format, to an authentic audience. These can be live events, digital shares, or both.</li> <li>• Teachers are also given a Press Release template to garner positive public publicity for their classroom’s work.</li> </ul>
<p><b>LEARNING GOALS</b></p> <ul style="list-style-type: none"> <li>• Key Knowledge</li> <li>• Understanding</li> <li>• Success Skills</li> </ul>	<ul style="list-style-type: none"> <li>• All Blue Apple projects include cross-curricular mini-lessons in English/Language Arts, Math, Science, Social Studies, and Social/Emotional Learning.</li> <li>• They also explicitly develop universal skills such as collaboration, speaking and listening, creativity, and critical thinking.</li> </ul>