

## 21<sup>st</sup> Century Skills

## Odyssey of the Mind Complex Technical and Artistic Problem Solving

<b>Global Awareness</b>	<ul style="list-style-type: none"><li>• <i>Global Competitiveness and Understanding</i></li><li>• <i>Teams meet other teams from around the world at the annual World Finals</i></li></ul>
<b>Intellectual Curiosity</b>	<ul style="list-style-type: none"><li>• <i>Research to find information needed to solve the problem</i></li><li>• <i>Choosing a problem and idea that is personally exciting</i></li></ul>
<b>Interpersonal and Collaborative Skills Communication</b>	<ul style="list-style-type: none"><li>• <i>Team work - Consensus, collaboration, communication</i></li><li>• <i>Understanding and valuing the power of diversity within the team</i></li><li>• <i>Understanding personal strengths and weaknesses</i></li><li>• <i>Practicing active listening skills</i></li><li>• <i>Learning to value other team member's ideas and contributions</i></li></ul>
<b>Problem Solving &amp; Creative and Critical Thinking</b>	<ul style="list-style-type: none"><li>• <i>Analyze complex open-ended real world problems</i></li><li>• <i>Identifying challenges within the problem</i></li><li>• <i>Brainstorm possible technical solutions</i></li><li>• <i>Brainstorm possible thematic and artistic solutions</i></li><li>• <i>Evaluate potential solutions – How creative is this solution? Will other teams have thought of this?</i></li><li>• <i>Spontaneous - training your mind to generate creative solutions by analyzing and evaluating your ideas and learning to use targeted thinking strategies.</i></li></ul>
<b>Self-Direction</b>	<ul style="list-style-type: none"><li>• <i>No-Outside Assistance rule – team generated research, solutions and decision making</i></li><li>• <i>Select potential solutions using scoring criteria</i></li><li>• <i>Planning for tournaments</i></li></ul>
<b>Authentic Assessment Accountability and Adaptability</b>	<ul style="list-style-type: none"><li>• <i>Team reflection on effectiveness during spontaneous practice</i></li><li>• <i>Team reflection on tournament results</i></li><li>• <i>Planning and refining for future tournaments</i></li><li>• <i>Create-test-improve-re-test best solutions</i></li></ul>