

# **Project W<sup>3s</sup>**

## ***Standards of World Class Learners***™

### **MATH:**

- Collect, analyze, and interpret data in order to creatively solve problems and predict outcomes.
- Perform mathematical research.
- Explain complex ideas.
- Utilize mathematics to model real-life situations.
- Utilize mathematics to predict how the world behaves.

### **SCIENCE:**

- Use knowledge as a vehicle to do good for humankind.
- See how science relates to other disciplines and to all aspects of the world.
- Use curiosity and perseverance as tools in the quest for scientific knowledge.
- See the complex in simple terms in order to communicate ideas and knowledge to people of any ability.
- Interpret data objectively.
- Find novel and/or creative methods for solving problems.

### **HISTORY:**

- Understand the effects of our actions on following generations.
- Understand world problems.
- Utilize historical knowledge to create something that is of value to society.
- Analyze varying viewpoints.

### **ART:**

- Impact an audience through art.
- Utilize materials and techniques.
- Understand the limitations created by size, physics, time, availability, and material.
- Transform an idea into reality.

### **CRAFTSMANSHIP:**

- Select the proper tool and/or machine and use it in a safe and proper manner.
- Select the proper materials and products.
- Apply knowledge of structure and function to the design process.
- Complete projects with a high degree of accuracy.
- Communicate ideas to others.

### **ENGLISH:**

- Actively listen for purpose and demonstrate understanding.
- Speak to inform, demonstrate, or persuade by using a clear theme.
- Organize a formal presentation with details and transitions to reach and impact an audience.
- Reading
  - Read varied material.
  - Comprehend literally and interpretively.
  - Critique author's intent.
  - Analyze material for meaning and value.
  - Initiate own reading for pleasure and information.
- Writing
  - Appropriately write on assigned and self-selected topics.
  - Effectively organize and sequence information in a paper.
  - Edit to eliminate errors.
  - Create an emotional impact.