



# Nevada STEMList of Recommended STEM Programs May 2025



## YES Elementary

### Program Overview

YES Elementary, part of the Youth Engineering Solutions (YES) initiative from the Museum of Science, offers standards-aligned, engaging, hands-on engineering curricula designed for grades K-5. Each unit presents real-world challenges that require students to apply scientific knowledge, brainstorm innovative solutions, and follow the Engineering Design Process to iteratively build, test, and refine their designs. As they navigate authentic engineering practices, students develop resilience, critical thinking, and collaboration skills while also strengthening their STEM and language proficiency.

YES Elementary emphasizes the societal context of engineering, prompting students to consider how scientific and technological solutions impact people, communities, and the environment. By engaging in open-ended challenges with multiple possible solutions, learners are encouraged to appreciate diverse perspectives and reflect on the social implications of their designs.

### Target Population Grades or Ages

All students in grades K-5

### A Unique or Special Focus of the Program

Engineering and computer science

### Impact on Participants

Students address problems that are relevant to their lives and communities. They tap their strengths and experiences, think creatively, engage in engineering practices, use multiple modes of communication, and collaborate with peers as they create original designs. By doing and learning engineering, students build an engineering identity.

### Specific Skills

As they navigate authentic engineering practices, students develop resilience, critical thinking, and collaboration skills while also strengthening their STEM and language proficiency.

### Resources Provided to Facilitators/Users

Our YES resources are available as free downloads. All student-facing materials are provided in English and Spanish.

### Website

<https://yes.mos.org/>

### Contact #1 Information

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