



WHY should my child attend?

Science, technology, engineering, art, and mathematics (STEAM) skills are a vital part of a 21st century education, interweaving content across the curriculum through project-based, hands-on learning activities. STEAM academies are cutting edge programs that address students' interests while incorporating the Nevada Academic Standards. STEAM education differs from traditional education through the use of a blended learning environment which allows students to experience how content can be applied to everyday life through teamwork and collaboration. A STEAM program student can confidently move to the next grade level, middle school, high school, and college.

Magnet schools and career and technical programs typically produce students with higher test scores who are more likely to graduate from high school. This program will better prepare our students for success in future grades.

Parents and students commit to higher and extended learning

- **FAMILY SUPPORT** - is an essential component for exceptional student achievement. Parents/guardians will be required to commit to **10 (ten) hours of volunteer work per year**. This volunteer work may be on site or through homebound work, thus allowing for busy schedules.
- **EXTENDED EDUCATIONAL TIME** - will be offered for all STEAM students. They will participate in weekly school clubs, 10 additional school days (approximately 1 Friday per month from 8:00-12:00) as per the DSA calendar, and monthly fun family nights.
- **ACADEMIC STANDARDS** - Students will maintain a GPA of 2.0 on a 4 pt scale with family support.
- **ATTENDANCE STANDARDS** - Students will miss no more than ten (10) absences (excused or unexcused), and have no more than 7 (seven) tardies within the school year with family support.
- **BEHAVIOR STANDARDS** - Students commit to not engage in any activities that would lead to suspension or expulsion and commit to earn citizenship grades of 2.0 or higher on a 4 point scale with family support.



HOW TO APPLY

1. Print and fill out the application and DSA Contract found on the DEN website at: <https://norman.whitepine.k12.nv.us/STEAMAcademy>
2. Email BOTH application and contract to Mrs. Briggs, OR mail, or drop BOTH at DEN office by **August 1, 2021 at 4:30.**



3. Any elementary student (K-5th) may apply to the magnet school, regardless of where they reside, however, preference will be given to students residing in DEN boundaries.
4. To ensure heterogeneous classrooms, students will be placed into three levels, 1, 2, or 3 based on application scores and teacher recommendation. Classes will consist of equal numbers of students in each level, allowing ALL students possible access to STEAM. Lotteries will be held within each level if the number of applicants exceed slots available.
5. Letters of acceptance/class placement will be mailed on or before Aug 12, 2021.

DEN STEAM Academy (DSA)

We are excited to start our third year of our DEN STEAM Academy. DEN will host 1 STEAM class per grade level and continue to offer 2 traditional classes per grade level. As a STEAM Magnet School, we will provide enhanced instruction that will change for the better how your student learns! Through traditional classrooms students will continue to receive a high level of learning through the Nevada Academic Standards. Students looking to use project-based and hands-on learning to demonstrate their understanding of real-life problems, fostering communication, creativity, and collaboration would want to apply to the STEAM Academy!



S- Science: Elementary school students are naturally curious, which makes science an ideal subject for them to learn.

T- Technology: Students engage in projects that empower them to take ownership of their education as well as promote creativity, confidence, and problem solving.

E- Engineering: Engineering activities are based on real-world technologies and problems, they help children see how disciplines like math and science are relevant to their lives.

A- Arts: Involvement in the arts is associated with gains in math, reading, cognitive ability, critical thinking, and verbal skill. Arts learning can also improve motivation, concentration, confidence, and teamwork.

M- Math: Students may learn more advanced math processes and strategies at younger ages and incorporates concepts and exercises that apply science, technology, and engineering to mathematics.



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David E Norman Elementary



SCIENCE • TECHNOLOGY
ENGINEERING • ART • MATHEMATICS

ACADEMY 2021-2022

