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| |  | | --- | | **STEAM Academy at Jim Bridger Middle School**  **Magnet Middle School Program Snapshots** | | **Program at- a-glance:** The STEAM Academy features a unique technology and project-based learning environment that focuses on using technology as a problem-solving tool. Areas of focus include:  **Aerospace and Aviation**: Emphasis is placed on engineering, manned and unmanned space exploration, astronomy, and basic piloting skills.  **Biomedicine**: Students explores advanced applications of medical terminology, anatomy, physiology, genetic diseases and pathology. Robotics: Students study engineering and design by building, programing, operating, and using robots in different environments.  **Technology**: Students gain the fundamentals of coding, app development, website building, animation, game design, the production of multimedia projects, television production, and broadcast journalism.  **Visual Art**: Students will implement creativity, originality and innovation through art making with an expanded variety of media and subject matter.  **Band**: Emphasis include fundamentals of music reading, performance techniques, and concepts of tone production and intonation. Instruments include: brass, woodwinds, and percussion.  **Mariachi**: Students perform in an ensemble which specializes in performing mariachi  **Special Features:** • Extra Curricular Clubs: Civil Air Patrol, Student Council, National Jr. Honor Society • iPad check out program • Competitive Robotics Team • After School All-Stars • UNLV TRiO Program • Project Lead the WayGateway to Technology • Career and STEAM based study trips • Project-Based Learning • Opportunity for Advanced Program Studies • Foundations of Leadership Course | | 2505 N. Bruce St. North Las Vegas, NV 89030 Phone (702) 799-7185 Fax (702) 799-7074 **http://www.bridgerms.org/** | |  | | |  | | --- | | **The Academy of Mathematics, Science, and Engineering (ASME) at Cashman Middle School** | | **Program at-a-glance**: Cashman Middle School AMSE is a cutting-edge program that addresses the interests of middle schools students, while incorporating national math, science and technology. The program integrates engineering, science and math in extended blocks. The program provides a project-based hands-on approach for highly motivated students. The program is rigorous and students begin high school content in sixth grade. All sixth grade students take Introduction to Design and Modeling where they use SketchUP, a computer aided 3D design program. Students complete engineering capstone projects each year. In sixth grade, the capstone is a Biomedical Innovation project, in seventh grade, it is a Green Architecture Project and in eighth, it is an Alpha Colony Project. The goal of the AMSE is to enhance academic achievement and provide opportunities and motivation for students to ask questions, seek answers, explore ideas, acquire knowledge and experience understanding. | | **Special Features** • Magnet School of Excellence 2014-2017 • Excellence & Superior Ratings for Orchestra, Guitar, Band, and Choir • Award winning Art Program • Cougars’ Den - Strong after school program • Competitive House of Cards, Future Cities, and Rubik’s Cube teams • Students selected to attend Naval Academy’s summer program • Site specific Science curriculum • SpringBoard Demonstration School • Project-Based Learning • Strong community partnerships • AMSE Advisory Board • Academic teaming and House system | | 4622 W. Desert Inn Road Las Vegas, NV 89102  Phone (702) 799-5880 Fax (702) 799-5947 **www.cashmanms.com** | | |  | | --- | | **Science, Technology, Engineering, and Math Academy at Kenny C. Guinn Middle School** | | **Program at-a-glance**: Kenny C. Guinn Middle School STEM Academy provides students the opportunity to apply their in-depth knowledge to real world applications and to develop critical thinking skills. Students will consolidate their academic knowledge into culminating projects to analyze, reason, and conclude viable approaches and solutions to complex problems. Science and mathematics are offered in extended blocks to promote a deeper understanding of the curriculum. Through rigorous classroom experiences, our highly motivated, diverse student population will collaborate with peers utilizing digital technology, communication tools, and networks to access, apply, and evaluate information based on the STEM principles of science, technology, engineering and mathematics. | | **Special Features** • 1:1 Technology—iPads • Project Lead the Way STEM Curriculum • Intensive Mathematics Education Plan • Robotics, Video Production, & Information Technology courses • Google Classroom & Google Apps for Education campus • Esprit de Corps Award to the Guinn Band • Guinn Orchestra rated superior at CCSD Orchestra Festival • Art award from the Anti-Defamation League | | 4150 S. Torrey Pines Dr. Las Vegas, NV 89103  Phone (702) 799-5900 Fax (702) 799-5905 Website: **http://www.GuinnTitans.org** | |
| |  | | --- | | **Brown Academy of International Studies**  *Authorized IB World School offering the IB MYP Ptrogramme* | | **Program at-a-glance**: Here at Brown, the focus is all about choice. The options given to students enable them to be exposed to things they might not have ever been exposed to at another school. The method of unit planning focuses on creating lessons that allow Brown students to be inquirers, expecting them to critically think and problem solve as well as self-reflect and continue to individually grow. | | **Special Features** • Emphasis on Inquiry-based learning, Creative Arts, Technology and Global Education • Foreign language program: Spanish (I), Spanish (II), Chinese (I) and Chinese (II) for High School Credit • Superior rated competitive Performance Arts programs • Selection of career focused design classes • Enrichment and support courses available • Commitment to service learning | | 307 Cannes St. Henderson, NV 89015  Phone (702)799-8900  Fax (702)799-3511 **brownjhs.org** |   **\*TRANSPORTATION ZONES may impact you**  **please view zones at http://magnet.ccsd.net** | |  | | --- | | **Robert O. Gibson Middle School**  **Leadership Academy** | | **Program at-a-glance**: In the Robert O. Gibson Middle School Leadership Academy, students learn the role of a leader by being empowered to make change. The goal at Gibson is to educate students by focusing on development of character, academic skills, college readiness and career education. Students learn to clarify and understand their own attitudes, self-concept, image, values, family relationship and vision. Leadership students have the opportunity to participate in the AVID Program, which teaches skills and behaviors for academic success while creating a positive peer group for students. Students are taught to use communication skills to articulate and resolve conflicts and make good choices. Community leaders and mentors work with students on a variety of projects and activities. Students will gain the necessary academic and leadership skills to make a difference in their own lives, in our community, and in a global society. | | **Special Features** • Guest speakers from various careers and colleges • Commitment to community service • All students participate in the house system and earn positive rewards • 25 Accelerated class offerings in science, social studies, math and English language arts • Science students participate in Project Lead the Way hands-oncurriculum • Competitive soccer, basketball, track, and cheerleading teams • Advanced Drumline community performance opportunities • Regionally ranked Robotics Team • Over 30 after-school academic and enrichment clubs | | 3900 Washington Ave Las Vegas, NV 89107 Phone (702) 799-4700 Fax (702) 799-4705 **www.rogibson.org** | | |  | | --- | | **Hyde Park Academy of Science and Mathematics** | | **Program at-a-glance**: The Hyde Park Academy of Science and Mathematics offers a specialized academic program for academically talented and high-achieving students in a diverse setting. The program serves students who require an academically demanding and challenging curriculum in the four core content areas: mathematics, language arts, science, and social studies. Students are provided with differentiated instruction in which the core curriculum is expanded while including the complexity, novelty, depth, acceleration, and expectations for their individual needs. Advanced Placement (AP) strategies are incorporated into the instructional methodology throughout the Academy, thus providing one to two year acceleration of instruction in all parts of the curriculum. Performance-based learning enables our students to apply newly acquired concepts and ideas to real-life situations. Students have the opportunity to combine subject matter knowledge with necessary application skills. This approach assists with the development of higher level critical thinking skills and more complex and abstract reasoning. Students participate in learning new information, concepts, and skills; applying that knowledge in hands-on situations; and communicating the results of their investigations. | | **Special Features** • Five Star Rating • Math Counts State Champions • Nevada VEX Robotics State Champion • Science Olympiad Nevada State Champions • eCybermission National Champions | | 900 Hinson St Las Vegas, NV 89107 Phone (702) 799-4260 Fax (702) 799-0348 **http://www.hydeparkms.org** | |
| |  | | --- | | **Walter Johnson Junior High School Academy of International Studies** | | **Program at-a-glance**: Walter Johnson Junior High School Academy of International Studies is an IB World School that offers opportunities for students to develop the knowledge, attitudes and skills they need in order to manage intricacy of the curriculum and take responsible action for the future. Context of their learning experiences are connected to their lives and the world that they have experienced with a foundation for independent learning and application of skills and knowledge to unfamiliar contexts. Students will explore what it means to be internationally-minded and develop a sense of community and commitment to service. Through this advanced curriculum, students will also discover the cultural values of civilizations to promote international understanding. | | **Special Features** • All students have classes in 8 content areas: English, Math, Science, Social Studies, Foreign Language, Arts, PE, Design • Innovative design classes for video production, robotics, and more • One-to-One Mobile Learning • Multicultural interdisciplinary Visual Arts Program • Superior rated competitive Performing Arts groups • Outstanding Foreign Language program gives students the choice of Spanish or Chinese • Successful athletic programs in such varied sports as archery, bowling, track, soccer, and basketball | | 7701 Ducharme Avenue Las Vegas, NV 89145 Phone (702)799-4480 Fax (702)799-4497 **http://schools.ccsd.net/johnson** | | |  | | --- | | **Roy W. Martin Middle School**  ***International Baccalaureate Middle Years Program*** | | **Program at-a-glance**: The goal of the International Baccalaureate Middle Years Program (IBMYP) at Roy W. Martin Middle School is to provide a broad-based internationally recognized common education framework for teachers, students, and parents. This provides a consistent structure of aims and values that help students become more internationally minded and effective global citizens. The IBMYP focuses on the education of the whole person, emphasizing intellectual, personal, social, and emotional growth through all domains of knowledge. Students participate in a diverse, rigorous curriculum designed to meet international standards with a focus on eight specific academic areas: Language (Reading and English), Language Acquisition (Chinese, French, or Spanish), Mathematics, Science, Design, Physical Education, Individuals and Societies (Humanities), and Fine Arts. Students examine the content of these academic areas through the IB Approaches to Learning Skills. | | **Special Features** • Student Council awarded National Gold Star Council of Excellence for 5 years • 2017 Magnet Schools of America School of Distinction • Clubs, Sports, and Activities • Course offerings include: ◊ Algebra, Geometry\* ◊ Spanish, French. Chinese\* ◊ Band, Choir, Orchestra, Art ◊ Media Productions \*Advanced students can earn up to 2 high school credits for Mathematics and 2 high school credits for Language Acquisition. | | 200 N. 28th Street Las Vegas, NV 89101 Phone (702) 799-7922 Fax (702) 799-7959 **schools.ccsd.net/roymartin** | | |  | | --- | | **I3 Learn Academy @ Mike O’Callaghan Middle School** | | **Program at-a-glance**: Students in the i3 Learn Academy @ Mike O’Callaghan Middle School are immersed in STEM activities and lessons in a blended learning environment, allowing for a more personalized learning experience. i3 Learn Academy students have a seven period day with a dedicated period for electives that target their interest area. Sixth grade students begin with an Exploration course in Computer Science, Video Game Technology, Web Design, and Video Production. At the conclusion of the sixth grade year, students select a focus area and then have the opportunity to develop their chosen interest over the course of grades seven and eight. As students advance through the program, they are offered electives that develop and advance their knowledge in their chosen area of study: Computer Science, Video Game Technology, Web Design, or Video Production. Teachers use a variety of differentiated and individualized learning methods along with project-based learning and authentic assessments to help each student master their content. Through the use of blended learning and targeted enrichment classes, the i3 Learn Academy provides students with knowledge and skills that will prepare them to be college and career ready. | | **Special Features** • Blended Learning • Personalized Learning • 1:1 Chromebooks • Video Production • Computer Science • Video Game Technology Program at-a-Glance • Web Design. | | 1450 Radwick Dr. Las Vegas, NV 89110 Phone(702) 799-7340 Fax (702) 799-8870 **http://www.occomets.org/** | |
| |  | | --- | | **K.O. Knudson Middle School** | | **Program at-a-glance**: The K.O. Knudson Middle School Academy of Creative Arts and Technology focuses on the arts and technology and their integration throughout the curriculum. Arts and technology integration are key components to all aspects of instruction. However, magnet students attend K. O. to major in our Performing Arts and Digital Media & Visual Arts Academies. In the Performing Arts, students can major in Ballet Folklorico, Band, Choir, Dance, Mariachi, Orchestra, or Theatre. In the Digital Media & Visual Arts, students can major in Computer Graphic Design, TV Production, or Visual Arts. All students are challenged to explore their interests and develop their talents while participating in an academically challenging curriculum. Magnet students have an extended school day, allowing them to take two elective classes. Students are initially placed in beginning, intermediate, or advanced levels of the program that they have selected as their major and then proceed to more advanced levels as their individual ability develops. Students participate in many performances, both at K.O. Knudson and throughout the community, and have the opportunity to participate in a variety of clubs and after-school activities. | | **Special Features** • Magnet School of Distinction - 2017 • Arts Schools Network Arts Integration Award Recipient - 2017 • Performances with Tim McGraw, the Tenors, Clint Holmes, and Laura Bretan • Superior ratings at Festival in all Performing Arts areas • Instructors who work and have worked in the entertainment industry • Performance and participation field trips to Epcot, Disneyland, the Smith Center, and other venues • State winners in Choir, Orchestra, and Theatre • One-to-One e3 and GAFE school | | 2400 Atlantic Street Las Vegas, NV 89104 Phone (702) 799-7470 Fax (702) 799-0157 **http://knudsonms.org** | | |  | | --- | | **Thurman White Academy of the Performing Arts** | | **Program at-a-glance**: Thurman White Academy of the Performing Arts offers the spectrum of classes to meet the needs of the diverse learner including accelerated classes in math, science, social studies, and English Language Arts. Advanced studies in foreign language include the ability for students to take Spanish I and Spanish II for high school credit. Algebra I is also available for high school credit. The Academy of Performing Arts magnet program offered majors in band, choir, dance, orchestra, and theater. Thurman White Academy offers opportunities for students to explore their stage, find a passion, and develop special talents and abilities at each grade and in all areas of the arts. Students who enjoy the visual and performing arts will find a program that inspires them at Thurman White Academy. We believe that talent is not innate but rather something that is nurtured and developed over time though life experiences that students have both in and out of the classroom. Our performing and fine arts teachers offer specialized instruction concentrating on developing students’ artistic talents through persistence, practice, and performance. | | **Special Features** • MSA Magnet School of Excellence Award 2017 • MSA New & Emerging Magnet School Award 2017 • Over 30 after-school clubs, sports, and activities • Received Superior Ratings in Band, Choir, and Orchestra at district and out-of-state music festivals • Artists in residence provide master classes to enhance student experiences and level of performance • Multiple field trips in the community and visiting performances for students to see professional productions and to experience the arts in the community | | 1661 Galleria Drive Henderson, NV 89014  Phone (702) 799-0777 Fax (702) 799-7690 **www.thurmanwhitems.com** | | |  | | --- | | **Science, Technology, Engineering and Math**  **Lied Middle School** | | **Program at-a-glance**: Students engage in hands-on modules in computer science, engineering and biomedical science.  **Special Features** Project Lead The Way. This is a new magnet program beginning in 2018. More information coming soon. | | 5350 W. Tropical Pkwy.  Las Vegas, NV 89130  Phone (7020 799-4620  **http://schools.ccsd.net/lied/#** |   Application deadline is:  **Tuesday, January 8, 2018 at 3:00 p.m.**  If you choose a school outside of your home zone, **Bus Transportation will NOT be provided**. View home zone maps at: magnet.ccsd.net  **IB:** Brown, Johnson, Martin  **STEM**: Bridger, Cashman, Hyde Park, Guinn,  Lied, O’Callaghan  **Performaing Arts:** KO, White  **Leadership**: Gibson receives all CCSD transportation |