# Dream Big

Magnet Schools, Career & Technical Academies, and Select Schools

Magnet Schools and Career & Technical Academies Department
October 2016
Goals

* Utilize student interests to diversify the curriculum.

* Create an awareness of various career pathways.

* Identify, develop, and nurture students’ talents.
What are Magnet Schools, Career & Technical Academies and Select Schools?

* All offer specialized learning themes for students who have unique interests.

* Students have over 140 unique programs to choose from.
What are Magnet Schools, Career & Technical Academies and Select Schools?

* **CTAs** are designated as “whole school” magnets for grades 9 - 12.

* **Magnet Schools** use a “school within a school” structure for grades 1 - 12.

* **Select Schools** offer Career and Technical Education (CTE) and Advanced Placement (AP) programs within non-magnet schools in grades 9 - 12.
What programs are offered?

- Arts, Audio Video Technology & Communication
- Culinary Arts
- Hospitality, Travel, & Tourism
- Information Technology
- International Baccalaureate
- International Studies
- Law, Public Safety & Leadership
- Medical & Health Sciences
- Science, Technology, Engineering & Math
Elementary Schools
(1st – 5th grade)

LEADERSHIP, COMMUNICATIONS, AND CREATIVE ARTS

Gilbert Magnet School for Communications and Creative Arts
Arts, Audio/Video Technology, and Communications

Jo Mackey Academy of Leadership and Global Communication
Leadership and Global Communication
Elementary Schools
(1st – 5th grade)

STEM/STEAM

Walter Bracken STEAM Academy
Science, Technology, Engineering, The Arts, and Math

Mabel Hoggard Math and Science Magnet School
Science, Technology, Engineering, and Math

Gordon McCaw STEAM Academy
STEAM - Geological Science Emphasis

Marzano Academy (New Magnet School at Lamb Blvd. and Kell Ln.)
STEM – Technology and Blended Learning Emphasis
Elementary Schools
(1st – 5th grade)

INTERNATIONAL STUDIES/INTERNATIONAL BACCALAUREATE

Kit Carson International Academy
International Baccalaureate - Primary Years Programme

Clarence Piggott Academy of International Studies
International Studies

Sandy Searles Miller International Academy
International Baccalaureate - Primary Years Programme

Sheila R. Tarr Academy of International Studies
International Studies
Middle Schools (6th – 8th grade)

STEM/STEAM

The STEAM Academy at Bridger Middle School
Science, Technology, Engineering, Arts, and Mathematics

Cashman Middle School Academy of Mathematics, Science, and Engineering
Science, Technology, Engineering, and Mathematics

Kenny C. Guinn Middle School STEM Academy
Science, Technology, Engineering, and Mathematics

Hyde Park Academy of Science and Mathematics
Science, Technology, Engineering, and Mathematics
Middle Schools (6th – 8th grade)

INTERNATIONAL STUDIES/INTERNATIONAL BACCALAUREATE

Brown Junior High School
International Baccalaureate – Middle Years Programme

Walter Johnson Junior High School
Academy of International Studies
International Studies

Roy Martin Middle School and
International Baccalaureate – Middle Years Programme
International Baccalaureate – Middle Years Programme
Middle Schools (6th – 8th grade)

LEADERSHIP

Robert O. Gibson Middle School Leadership Academy
Leadership

CREATIVE AND PERFORMING ARTS

K.O. Knudson Middle School Academy of Creative Arts and Technology
Digital Media and Visual Arts * Performing Arts

Thurman White Middle School Academy of the Performing Arts
Band * Choir * Dance * Orchestra * Theatre
High Schools (9th – 12th grade)

MAGNET

Basic Academy of International Studies
International Baccalaureate
Entrepreneurship
Forensic Science

Canyon Springs High School
Leadership & Law Preparatory

Clark High School
Finance (AOF)
Math, Science & Applied Technology (AMSAT)
Teacher Education (TEACH)

Del Sol Academy of the Performing Arts
Band * Costume Design * Dance * Mariachi * Music Production
Orchestra * Technical Theatre * Theatre * Vocal
High Schools (9th – 12th grade)

MAGNET

Desert Pines High School
Animation
Culinary Arts
Radio Production
Sports Marketing
Video Production

Las Vegas Academy
Band * Dance * French * Guitar
Japanese * Jazz * Mariachi
Musical Theatre * Orchestra
Piano * Spanish * Technical Theatre
Theatre * Video Production
Visual Arts * Vocal

Eldorado High School
Video Game Technology
Web Design
High Schools (9th – 12th grade)

MAGNET

Rancho High School
- Aviation – Aerospace Engineering
- Aviation - Private Pilot
- Medical – Pre Medical

Valley High School
- Hospitality and Tourism
- International Baccalaureate
- MSTEM – Military Science, Technology, and Emergency Management

Spring Valley High School
- Academy of International Studies
High Schools (9th – 12th grade)

CAREER & TECHNICAL ACADEMIES

Advanced Technologies Academy
- Architectural Drafting & Design
- Business Management & Administration
- Computer Science
- Engineering
- Graphic Design
- Legal Studies
- Networking Technology
- Web Design & Development

East Career & Technical Academy
- Construction Technology
- Culinary Arts
- Education and Early Childhood
- Health Information Management
- Marketing/Hospitality and Tourism
- Mechanical Technology
- Information Technology Systems
- Medical Professions
High Schools (9th – 12th grade)

CAREER & TECHNICAL ACADEMIES

Northwest Career & Technical Academy
- Construction Technology
- Culinary Arts
- Early Childhood Education
- Engineering & Design
- Hospitality & Marketing
- Mechanical Technology
- Media Communications
- Medical - Biotechnology
- Teacher Education

Southeast Career & Technical Academy
- Animation & Digital Game Development
- Architectural Design
- Automotive Technology
- Collision Repair Technology
- Construction Technology
- Cosmetology
- Culinary Arts
- Graphic Design
- IT - Networking
- Nursing Assistant
- Photography
- Sports Medicine
# High Schools (9th – 12th grade)

## CAREER & TECHNICAL ACADEMIES

### Southwest Career & Technical Academy
- Automotive/Diesel Technology
- Culinary Arts
- Dental Assisting
- Engineering
- Fashion Design
- Hospitality & Tourism
- Interior Design
- Nursing
- Respiratory Therapy
- Web Design & Development

### West Career & Technical Academy
- Biomedical Sciences
- Biotechnology
- Business Management
- Civil & Electrical Engineering
- Digital Media
- Environmental Management
- IT Management
- Nursing
- Sports Medicine

### Veterans Tribute Career & Technical Academy
- Law Enforcement, Dispatch, Forensic Science, and Criminal Justice (Pre-Law)
- Emergency Medical Services (Pre-Med)
High Schools (9th – 12th grade)

SELECT SCHOOLS

Bonanza High School
Advanced Placement
Animation
Cabinetry
Fire Science
Graphic Design
Health Science/EMT
Marketing
Theater Technology
Video Production

Chaparral High School
Advanced Placement
Automotive Technology
Culinary Arts
Marketing
Mechanical Technology
Theater Technology

Mojave High School
Advanced Placement
Agricultural Science
Culinary Arts
Engineering
Medical Academy
Video Production
High Schools (9th – 12th grade)

SELECT SCHOOLS

Silverado College Preparatory and Career/Technical High School
- Advanced Placement
- Computer Science/Networking
- Culinary Arts
- Early Childhood Education
- High School of Business Finance & Management
- Forensic Science
- Graphic Design
- Microsoft Certifications (IC3/MOS)
- Photography
- Sports & Entertainment Marketing
- Theater Technology
- Video Production
- Web Design

Western High School
- Advanced Placement
- Animation
- Automotive Technology
- Biomedical
- Certified Nursing Assistant
- Computer Science
- Culinary Arts
- Graphic Design
- Photography
- Sports Medicine
- Video Production
International Baccalaureate

The International Baccalaureate (IB) is a philosophy of teaching and learning that aims to develop inquiring, knowledgeable and caring young people equipped to understand and meet the challenges of a global society.

Each of the IB's programmes is committed to the development of students according to the IB learner profile. The profile aims to develop learners who are:

- Inquirers
- Knowledgeable
- Thinkers
- Communicators
- Principled
- Open-minded
- Caring
- Risk-takers
- Balanced
- Reflective

With over 5400 IB programs in over 4000 schools around the world, IB is internationally recognized for its excellence. For more information, visit www.ibo.org.
The Four IB Programmes: PYP and MYP

Primary Years Programme (PYP): The PYP prepares students to become active, caring, lifelong learners who demonstrate respect for themselves and others and have the capacity to participate in the world around them. Students in the PYP learn and use knowledge, concepts, and skills within a variety of subjects to explore six transdisciplinary themes of global significance.

Middle Years Programme (MYP): The MYP aims to develop active learners and internationally minded young people through a challenging framework of study. Students in the MYP are encouraged to make practical connections between their studies and the real world.

For more information, visit www.ibo.org.
The Four IB Programmes: DP and CP

Diploma Programme (DP): The DP focuses on **rigorous academic study**, within a broad and balanced curriculum, that emphasizes both breadth and depth of knowledge. The DP includes **six subject groups and the DP core**. The DP core aims to broaden students’ educational experience and challenge them to apply their knowledge and skills.

Career-related Programme (CP): The CP is a framework of international education addressing the needs of students engaged in **career-related education**. The CP combines DP courses, the CP core and career-related study. The CP core **bridges the IB academic courses and the career-related study** and provides students with a combination of academic and practical skills. The career-related study is designed to **prepare students to pursue further education or to enter their chosen career path immediately**.

For more information, visit [www.ibo.org](http://www.ibo.org).
Career and Technical Education (CTE)

* Provides **cutting edge programs** allowing students to explore the many **career options** available after high school graduation.

* Ensures that all students have access to **rigorous, blended college-preparatory and career-oriented programs** that lead to **marketable skills** for the **21st Century**.

* Follow a **specific course sequence** within a rigorous program of study which includes sufficient **technical challenge** to meet **state and/or industry-standards**.

* Collaborate with postsecondary institutions, businesses, and industry partners to ensure that **programs are aligned with both college and career readiness standards** and the needs of employers, industry, and labor.
Why Choose a Magnet, Select, or CTA School?

* Increased student engagement
* Students demonstrate higher achievement
* Students can earn college and tech prep credit
* Students can participate in internships and job shadowing opportunities
Why Choose a Magnet, Select, or CTA School?

* High graduation rates (94 – 95% for students completing Magnet/CTA programs)
* Students are prepared for both college and career
* 25 nationally recognized programs through Magnet Schools of America.
Making the Best Choice

* Research schools and programs
* Visit school campuses
* Involve your child in the process
* Explore your child’s talents, interests, and abilities
* Other factors
Student Expectations

* Students selected for a program are expected to remain in the program for the entire school year.

* Magnet/Select/CTA students are expected to attend school regularly and remain free of disciplinary infractions.

* Students are expected to make progress toward the academic and social goals identified by the program.
Application Process

* Students may apply to a maximum of three programs and prioritize their choices.

* Regardless of whether the choices come from different schools or from the same school, additional selections are not permitted.

* All students who want to attend a Magnet, CTA, or Select school must submit an application by the deadline of Tuesday January 10, 2017 at 3:00 p.m.
Parents or students can apply online at http://magnet.ccsd.net

Parents must create a new user account for each school year.

Paper applications can be obtained at scheduled information meetings or at any Magnet, CTA, or Select School.

Paper applications must be dropped off at your child’s first choice school.

Applications must be received no later than Tuesday January 10, 2017 at 3:00 p.m.
Application Process

Benefits of applying online:

* Parents have complete control over students’ application information.

* Parents receive an email that their application has been received.

* Parents may access their child’s application at any time before the **Tuesday January 10, 2017 3:00 p.m.** deadline to make modifications.

* Upon receiving acceptance letters, parents may log in to accept their child’s seat online.
Selection Criteria

High schools have criteria which students must meet to be eligible for the lottery.

The following areas may be considered:

**Magnet Schools and CTAs:**

- Grade point average, attendance, citizenship.
- For some programs, higher course work with grades.
- On-site activities (audition for Las Vegas Academy and Del Sol Academy).

**Select Schools:**

- For some programs, higher level course work.
- For some programs, specific course pre-requisites.
Placement into a Program and Preferences

* **Magnet, CTA, and Select Programs:** If there are more qualified applicants than there are seats available, placement is based on a random selection process (lottery). Lotteries may be conducted at all grade levels and for any given program.

* **Magnet and CTA Programs only:** Preferences are only given during the lottery if students meet the qualification criteria first.

* **Preferences are given for Magnet and/or CTA 1st choice programs only.**
Acceptance

* Parents will be notified of the lottery results by e-mail in late February.

* Additional notification of results will be sent via mail in early March.

* Students that apply for, and are invited to enroll in, more than one Magnet, Select, or CTA program may only accept one invitation.

* Students in alternative behavior programs can not accept seats until trial enrollments have been completed.

* Acceptance documents must be returned by the indicated date.
Maximizing Application Choices

School vs. Program

* If attending a particular school is the priority, apply for all applicable programs at that school (ex. Band and Mariachi at Knudson MS)

* If participating in a particular program is the priority, apply for that program on all applicable campuses (ex. Culinary at NWCTA, Desert Pines HS Magnet, and Western HS Select.)
Transportation

* Transportation is provided for students residing within transportation zones for the school. To view the boundaries for transportation zones, please visit magnet.ccsd.net.

* There may be transportation guidelines depending on the individual school. Please visit the schools’ websites for detailed information. **There are designated transportation boundaries for most schools.**

Visit magnet.ccsd.net for more information.
For further information concerning specific programs or schools, contact the individual Magnet, Select, or CTA Schools.

For general information or other questions, call 702-799-8492 or visit http://magnet.ccsd.net

For online application access, go to http://magnet.ccsd.net.

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