

Cajon High School/SBCUSD Linked Learning Academies (October 2017)

Linked Learning College & Career Pathways –Linked Learning Program Specialist (elizabeth.kackery@sbcusd.k12.ca.us)

<p>ACADEMY Each Academy represents multiple programs of study, “Pathway Strands,” developed to implement College, Career & Technical approaches to Learning (A.K.A Linked Learning)</p>	<p>INDUSTRY SECTOR The state of California has identified 15 Industry Sectors. Each sector contains multiple career pathways in which to develop Programs of Study.</p>	<p>TECHNICAL/ PATHWAY INSTRUCTOR Instructor is responsible for technical component that delivers concrete knowledge and skills with an emphasis on real-world applications, bringing their academic and technical learning to life. College & Career Technical Educator (CTTE)</p>	<p>CORE ACADEMIC COURSES & ELECTIVES Offer Mathematics, Science, English, Social Studies, Foreign Language, Fine Arts and other elective & core courses essential for admission to, and success in, the state’s public and private universities, extracurricular programs, and in supporting each Linked Learning Academy (i.e. Capstone).</p>	<p>POSSIBLE FUTURE CAPSTONES Comprehensive and effective work-based learning experience that is connected to what they learn in the classroom. Capstones may occur Junior /Senior level and can take the form of job shadowing, integrated unit final projects, intensive internships, digital portfolios, virtual apprenticeships, extended diplomas, certifications, and school-based enterprises. *The list below are evolving capstones for a variety of Pathway Strands w/in our Academies:</p>
<p>I. Academy of Arts & Communication Technologies: (ACCT Academy) *Academy Lead: Leslie Bohn *PATHWAY STRANDS: -Theatre Arts (Available) -Film Theory & Production -IT/Cyber Security</p>	<p>Arts, Media, Entertainment, & Information Technology</p>	<p>Carol Griffiths (E-8) Leslie Bohn (E-26) Erick Hendrickson (E-4) Koyett Miles (F-2)</p>	<p>CORE: English, Math, Science, History; Foreign Language Art Choir Band Orchestra Microsoft Office/Mouse MYP Design ACADEC College & Career Essentials</p>	<p>*IB Diploma *Digital Portfolio * Film Submissions *Inland Empire News & Media *Performance/Production Portfolio * CSUSB Partnership of the Arts *Digital & Non Digital Journalism *IT Articulations w/ post-secondary *Cyber Pathway Certification * Art Fair Submissions * Film Festival Entries *Professional/Industry Auditions</p>
<p>II. Academy of Medical, Health & Biological Sciences: (AMHBS) *Academy Lead: S. Imbriani *PATHWAY STRANDS: -Medical Assisting (MA) -Emergency Medical Responder (EMR) -Sports Medicine</p>	<p>Health Sciences, Medical Technology</p>	<p>JJ Light (B-22) Stephan Imbriani (F-1) Debi Tivey(B-25) Elijah Alverson-(Cohort) Stephen Thomas (Cohort)</p>	<p>CORE: English, Math, Science, History; Foreign Language IB Trig/College Prep Biology/ IB Bio Chemistry/ IB Chem Physics/IB Physics Physical Education Physiology ACADEC College & Career Essentials</p>	<p>*Medical Assistant Certification * Possible EMR Certification *Biotech Partnerships *Athletic Training Program *Valley College Partnership *IB Diploma * CHS Partnering w/ Community Groups *Articulation with local colleges * Job Shadowing</p>
<p>III. Academy of Automotive & Construction Technologies *Academy Lead: Timmy Palmer PATHWAY STRANDS: -Automotive Technologies (Auto) -Building Trades & Construction (BTec) -Amazon Logistics & Supply Chain Management</p>	<p>Transportation, Engineering & Design</p>	<p>Roger Light (F-7) Timmy Palmer (F-6) Melissa Hannan (Cohort) Amazon (Open)</p>	<p>CORE: English, Math, Science, History; Foreign Language Physics/IB Physics Microsoft Office/Mouse MYP Design ACADEC College & Career Essentials</p>	<p>* Certification *Auto Internships for Private & Public Corps * San Bernardino Generation Now *Habitat for Humanity Lead * Job Shadowing *Technical College Internships * Public/Private/Technical Scholarships *CAD *Fab Lab Use</p>
<p>IV. Academy of Public Policy & Human Services (Peace Academy) *Academy Lead: Chris Peters PATHWAY STRANDS: -Behavioral Health & Human Services (Psych) -Public Policy and Law</p>	<p>Public Services, Health Sciences, & Education</p>	<p>Christian Peters (D-3) Eliz. Resmi Kackery (C-14) Christie Dow (E-10) Elizabeth Camarena (E-19) Mark Stowitts (Cohort)</p>	<p>CORE: English, Math, Science, History; Foreign Language MYP Design ASB Link Crew Mock Trial/Speech & Debate Statistics Cadet Corp Model UN *ACADEC</p>	<p>*Best Buddies * Link Crew Project * City Council *IB Diploma * Law Offices-Clerking * County Services * Tutoring * ASB Project *AmeriCorps Intern; * Counseling Job Shadowing</p>

*It is the goal of Cajon that all Academies are inclusive to all students, and that each Academy has IB/MYP Courses available to students.

* It is the goal of Cajon that pathway capstones receive a certification, college credit, specialty diploma, professional portfolio and/or internship designation as applicable.

All 9th grade students at Cajon begin with an exploratory course called College & Career Essentials, or AVID I, or an MYP Design course that facilitates the following:

- Students complete a year-long freshman, comprehensive guidance course that helps students identify their interests and life goals, discover a career aligned to those interests and goals, and develop an educational pathway to prepare for that career.
- The freshman course culminates with the development of an online, skills-based, 10-year career and education plan that is updated each year throughout high school and used by advisors for counseling and instructors for academic coaching.
- During the 10th, 11th, and 12th grades, students update their 10-year plans as they take a series of **follow-up instructional modules** that help them expand their career and education options. They'll learn the process for selecting and applying to post-secondary education and identifying the skills needed in college, industry certifications, and the overall workforce.

Prior to the pathways-- in the career center-- 9th grade students were introduced to the process of assessments, career searches and comparisons. 10th graders research specific occupations and the educational requirements needed, as well as compare various career options. In 11th grade, students research colleges/careers based on their specific criteria whether that is college (including community colleges and technical schools), internships, or the military; so by the time a student reaches 12th grade they have narrowed their choices to a few well-researched career paths.

Cajon expects the following to take place within each pathway course:

Classroom & School	Workplace	Families, Peers, & Community Interaction
<ul style="list-style-type: none"> • Web research • Guest speakers • Career interest assessment • College and career fairs • Career contextual instruction • College awareness 	<ul style="list-style-type: none"> • Industry tours and field trips • Career and job fairs • Youth in the workplace • Informational interviews 	<ul style="list-style-type: none"> • Adult interaction • Role model observation • Peer interaction/Accountability • Customer/Event/ interaction

Cajon High School Linked Learning Academies through Pathway Strands

Academy of Arts & Communication Technologies (IB Diploma Available)

-FILM THEORY & PRODUCTION PATHWAY- LESLIE BOHN & ERICK HENDRICKSON--Students of the Film Theory and Production pathway will work collaboratively to develop a portfolio that will include samples of original storyboards, scripts, production schedules and outlines, and completed films. Students will be required to participate in the filmmaking process as screenwriter, director, editor, cinematographer, and/or sound technician. Students will develop an understanding of the theoretical, creative, and practical process; learn to use necessary equipment; practice in laboratory and non-laboratory settings; and, identify and explore career opportunities within the industry.

-THEATRE ARTS PATHWAY-CAROL GRIFFITTS--Students will be exposed to current industry standard practices through courses of study, bringing in professionals from the industry and colleges, visiting theatres, art institutions and/or universities, and by providing students with guidance on a Theatre, Tech & Performing Arts based resume and portfolio preparation. Through courses, students will learn to create drama and theatre by interpreting and appreciating theatrical works, culture, and experience through scenes and scenarios, improvisation, creating environments, purposeful movement, and research. Furthermore they will express drama and theatre arts skills in a variety of performances, including plays, monologues, improvisation, purposeful movement, scenes, design, technical craftsmanship, media, ensemble works, and public speaking.

-DIGITAL DESIGN PATHWAY- Koyett Miles (transitioning to Informational Technology & Cyber Security)

The pathway involves creating, designing and producing digitally-generated or computer-enhanced media used in business, training, entertainment, communications and marketing. Students will get started by creating web pages, transforming text documents, pictures, colors and layouts using HTML, Dreamweaver, Animation, Creative Design and more. Occupations range from web designers, webmasters, 3D animators and virtual reality specialists to multimedia producers and graphic artists. Because organizations of all types and sizes use digital media (the Internet, satellite, CD-ROM, DVD, etc.) to communicate with customers and collaborate on ideas, interactive media experts can find employment opportunities in a variety of settings.

Academy of Medical, Health & Biological Sciences (IB Support Classes Available)

MEDICAL ASSISTING PATHWAY- JJ LIGHT--This course will provide students with the knowledge and skills needed for employment in doctor’s offices, medical clinics/centers and hospitals. Upon successful completion of the course, the student will be able to carry out all duties required for entry-level positions in Medical Assisting. The first semester consists of classroom instruction and theory and the second semester the students will be placed in a medical facility for application of skills and training.

SPORTS MEDICINE-STEVE IMBRIANI--Sports Medicine is a medical career pathway established to allow our students the opportunity to learn various aspects of emergency assessment care while also offering all students certification in first aid, CPR, AED, and emergency assessment. This pathway is going to be used to enable the program to progress into a multi-faceted conglomerate that includes classroom instruction, pre-game therapy, game time athletic training, post-game therapy, and on-going athletic training therapy for students with prescriptions .

EMERGENCY MEDICAL RESPONDER- DEBI TIVEY--This course is designed to provide students with the knowledge and skills needed to take appropriate action as the First Responder to a medical emergency. This course covers EMS operations, Safety, Laws and Ethics, Communication and Anatomy & Physiology. It also covers Healthcare Provider CPR, AED and First Aid, Patient Assessment, Lifting, Moving and Transporting patients.

Academy of Automotive & Construction Technologies (IB Support Classes Available)

-Automotive Technologies -ROGER LIGHT---The pathway is designed to provide a unique and rigorous learning environment for high school students that it ensures both student academic success and career technical education mastery, as well as promotes enthusiasm for lifelong learning. Furthermore, it prepares students for post-secondary education, including apprenticeships and immediate productive employment. Finally the pathway engages regional, state, national and international employers and industries in a vibrant collaboration to respond to current, emerging and changing global workforce needs and expectations. Furthermore, pathway is designed to bring in the maximum number of students into the 10th grade course and provide them with quality basic automotive instruction. During their 11th grade, students can hone their interests and apply their knowledge to a variety of specialty courses. As a senior, students can mix specialties or get advanced training in different areas and work in industry as an intern at community partner locations.

-Building Trades & Construction-TIMMY PALMER--“BTEC” students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the Building and Construction Trades industry. The pathway emphasizes processes, systems, and the way in which structures are built. The knowledge and skills are acquired in a sequential, standards-based pathway program that integrates hands-on, project-based, and work-based instruction. Standards included in the Building and Construction Trades sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

-Amazon Logistics and Supply Management: This program of study is designed to prepare students for employment in the field of business logistics. Students will learn the skills and applications of information and decision technology, management systems that support industry partners, and encourage being a contributing member of the greater community. The program will introduce students to supply chain management, ecommerce, Occupational Safety and Health Administration (OSHA) safety standards, and Environmental Protection Agency (EPA) standards for hazardous materials handling. The program will provide insight into the process of product movement from receipt of inventory to the delivery of the product to the consumer. Mastery of these standards through project-based learning and leadership development activities of the Career and Technical Student Organizations will help equip students with a competitive edge for the business logistics industry.

Academy of Public Policy & Human Services (IB Diploma Available)

PSYCHOLOGY & HUMAN SERVICES- CHRIS PETERS & CHRSTIE DOW --The purpose of the Clinical Psychology Pathway is four-fold, reflecting the four pillars of Linked Learning. The first is to provide students with an introduction to, and foundational instruction for careers in, the Psychology and Human Services fields. The second is to provide students with hands-on, worked-based learning experiences that will give them the opportunity to both observe and assist professionals in these fields in performing their duties. The third is to provide a rigorous academic and technical core that will result in successful completion of both the A-G sequence, additional A-G courses appropriate to the field, and of advanced, college-level course work. The fourth is to provide the following personalized support: facilitation of a 10 year plan, an organized after-school tutoring program, mentoring relationships with more advanced students in the pathway and assistance with the college research, admissions and financial aid process.

PUBLIC POLICY & LAW- Camarena & Kackery-The pathway approaches public policy and law from political, historical, philosophical, and sociological perspectives; courses will provide students with an understanding of public policy and law as both a profession and a field of scholarly inquiry. Students write and speak in an effective and persuasive manner in a variety of settings, including presentations that involve fielding questions from an authentic audience. Students form and apply appropriate solutions to law-related issues utilizing critical thinking and problem-solving skills. Furthermore, the pathway enables students to gain theoretical and methodological skills and the knowledge base necessary to understand a complex and rapidly changing world. The pathway will engage and prepare students in a variety of careers in the international, national, regional, and/or local arena as civic and private based leaders, social service workers, agents of law and employees/employers of private & public businesses. By senior year students will choose their own issue to problem solve within the spectrum of Local/Regional/International affairs; government; diplomacy; public policy making; English as a second language; translation; interpreting; language public relations; law and advocacy; activism, and organizing; media & journalism; higher education teaching or administration; international business and entrepreneurship. A key component to this pathway will be working with site established Model UN/Mock Trial/Speech & Debate teams.

Example of Sequence:

9 th Grade	10 th Grade	11 th Grade	12 th Grade
College & Career Essentials/MYP Design/AVID	Technical Course/s #1	Technical Course/s #2	Technical Course/s #3