

Colorado AeroLab 5th Day

How might we leverage a 5th Day of out-of-the-ordinary learning?

Colorado AeroLab is building a statewide network of blended education centers in partnership with school districts. Laboratory-based learning teaches resilient knowledge in an environment of acceptable risk-taking.

STUDENT OUTCOMES

AeroLab creates a partnership with school districts and local communities to provide unique 21st century educational opportunities for middle and high school students. Students earn these credentials:

- 60%** Businesses struggle to find qualified employees
- 79%** High School Graduation Rate
- 40%** Residents with BA degrees

ENDORSEMENTS	BADGES	CAPSTONES	SOCIAL IMPACT
High School Diploma Endorsements in STEM and Postsecondary Workforce Readiness (PWR)	Microcredentials in Essential (soft) Skills: Critical Thinking, Communication, Creativity & Collaboration	Culminating Exhibition and Presentation of Academic Experience and Learning	Community-driven design challenges to help solve local problems and create positive social change

104 of 178
Colorado school districts
operate a 4-day school week

How might we build bridges between traditional schools and the School of Real Life?

How might we help educational leaders do more for students?

COMMUNITY BENEFITS

SIMLAB: Social Impact & Media Lab
AeroLab students team up with business and civic leaders to identify situations and problems that need new solutions. Through design thinking, students create projects to demonstrate their learning and impact social change in their local communities.

- Working with business and civic leaders on real world problems promotes greater student engagement in their community.
- Students have deep wisdom and insight to share to solve problems in their home towns.
- Young people have huge desire to create social change and make the world a better place.
- The whole community thrives when schools, businesses and civic leaders create mutual partnerships.

The CAL 5th Day program creates intentional partnerships between schools, businesses and civic leaders to provide extraordinary learning opportunities for middle school and high school students in small rural districts. The benefits for students and communities are powerful.

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Educating Colorado Students for Colorado Jobs

ESSENTIAL SKILLS-BUILDING

Essential Skills are often called "soft" skills and are vital for student success in college, workforce and all life contexts.

- Innovation
- Inquiry & Analysis
- Risk-Taking
- Initiative & Work Ethic
- Adaptability & Flexibility
- Resilience
- Teamwork
- Global & Cultural Awareness
- Character & Integrity
- Time & Project Management
- Digital Responsibility
- Strategic Leadership

Entrepreneurial

Personal

Civic

Professional

Microcredential badges are awarded to AeroLab students when they master the Essential Skills.

Essential skills-building focuses on the 4 C's of authentic 21st Century learning: Critical Thinking, Creativity, Collaboration and Communication. When students master each area, they design a performance task to demonstrate their proficiency and earn the microcredential badges.

A DAY @ AEROLAB

DAILY SCHEDULE

Laboratory-based learning teaches resilient knowledge in an environment of acceptable risk-taking. The AeroLab schedule is divided into four daily labs that challenge students to explore, experiment and discover.

- PIQUE 40** Emotional Intelligence & Essential (CTE) Skills-building
- BRAIN WORKS** Core Skills and Competencies to Thrive in Life (21st Century Skills)
- INGENIUM** Hands-on Problem-Based Learning and Career Exploration
- SIMLAB** Social Impact and Media Lab: Design challenges initiated by community

Laboratory-based learning teaches resilient knowledge in an environment of acceptable risk-taking. The CAL 5th Day curriculum integrates Emotional Intelligence and Essential Skills-building; Hands-on Problem-Based Learning and Career Exploration; and Social Impact and Media Lab design challenges initiated by the local community.

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Colorado AeroLab, Inc. is a 501(c)(3) educational non-profit corporation based in Denver, Colorado.

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