



Elementary Technology (K-5) SmartLab Facilitator

Overview of Position

A SmartLab is a Science, Technology, Engineering, Arts, and Math (STEAM) learning environment where students will explore interests in robotics, circuitry, graphic design, engineering, video production, etc. SmartLabs are project-based, student-centered learning communities where the emphasis is on students to learn, not on the teacher to teach. For this reason, teaching professionals in a SmartLab are called “Facilitators” reflecting their primary role in facilitating learning.

More information on SmartLabs can be found at <http://www.creativelearningsystems.com>.

TRAINING NOTE- We hope to send our New SmartLab Facilitator to the Creative Learning Systems Advanced Facilitators Development Conference (AFDC) in Jenks, OK, June 24-27th, 2019.

Responsibilities Include:

- Exhibit high energy, excitement, creativity, and genuine interest in the progress of their students.
- Coach and challenge students on the use of lab hardware and software, guide students through completion of the projects, and grade completed projects based on developed rubrics.
- Be an advocate of the program and will work with faculty members, students, and parents on the capabilities and use of the SmartLab.
- Aid in the research, implementation, training, and support of instructional technology in the SmartLab and in the Flagstaff Academy classrooms.
- Exhibit excellent classroom management skills in a highly-individualized, adaptable, and multi-tasked with multiple learning activities taking place simultaneously.
- Excellent organizational skills to manage classroom resources, technology, and scheduling.
- Ability to communicate effectively with administration, school board, students, parents, community and industry. Seeks opportunities to promote their SmartLab environment through co-facilitating, media, conferences, shows, fairs, training seminars, etc.
- Ability to handle visits from tour groups of all kinds including the news media.

- Encourages true cross-curriculum integration through collaboration with instructors of other disciplines. Invites other classes/subject matter/teachers into lab. Ability to work within an open lab environment. Promotes district/school wide cooperation.
- Is progressive, strives to improve and upgrade the program to keep up with the ever-changing world of technology. Grows with the changes and adapts the environment as technology improves. Keeps up-to-date by reading professional journals, attending technology conferences, and using a variety of online services.

Facilitators will need to know:

- Basic desktop navigation on a Macintosh and/or Windows computer
- Save, transfer and print files over a computer network
- Use word processing software
- Basic use of the internet as a technical support tool
- Use the FIND command to locate lost files
- Be familiar with the computer's HELP and tutorial systems
- Google Docs for Education
- The facilitator is not expected to know all of the SmartLab technology before starting the position. There will be a training period and ongoing support for the facilitator on both the technology and the curriculum.

Facilitators will be expected to learn:

- A variety of application software packages and their purpose in the learning environment
- Can install and configure software on both the Macintosh and Windows operating platform
- Operating system setup and management
- Understand how to backup and restore data files
- Management of the environment file server and student accounts
- Creating back-ups of student work

Experience with the following is preferred:

- Basic Science, Technology, Engineering and Math principles.
- Spheros, Bee Bots, ZomeTools
- Computer programming including Code Combat, Tynker
- Basic website design principles
- Robotics

We seek a talented educator who can inspire students and teachers, and be inspired by our mission – “where science and technology take flight.” The successful candidate is expected to deliver dynamic learning experiences with high educational expectations and accountability.

Specifically, we seek:

- the ability to work collaboratively,
- excellent communication skills,

- a willingness to work closely with families,
- credentials as a highly qualified teacher in Colorado, and
- effective instructional delivery techniques.

Job Skills and Qualifications:

1. Current Colorado Teaching License
2. Ability to interpret and communicate student data
3. Strong systems orientation and commitment to follow-through
4. Prefer an advanced degree in science, engineering, or related field.
5. Prefer experience with engineering, computer science, robotics

Overview of School

Flagstaff Academy is a Pre-K through grade 8 public charter school located in Longmont, Colorado and is affiliated with the St. Vrain Valley School District. We are a fiscally sound and responsible charter school with a vision for excellence and longevity. In operation since 2005, we have gained a regional reputation for excellence in academic education especially in science, mathematics, arts, and technology. We boast a qualified staff and low turnover of our professional faculty. Our students go on to the highest echelon of public and private high schools in the area. Teacher salaries are competitive and subject to expertise and experience. Flagstaff Academy is an Equal Opportunity Employer (EOE). The Vision of Flagstaff Academy is to develop students who are equipped to be well-rounded, ethical leaders in the world community with a foundation based on science and technology.

Flagstaff Academy's Mission is to:

- Provide a K-8 Core Knowledge-based education with a science and technology focus that challenges students to achieve their academic potential.
- Supply opportunities for scientific and technological exploration.
- Pursue excellence in every student and employee.
- Promote, value, and recognize academic achievement and creativity.
- Welcome a diverse student population.
- Respect the individual, classroom, school, community, and world.

To apply, send a letter of interest, a current resume, transcripts and licensure details to, employment@flagstaffacademy.org, or by mail to 2040 Miller Drive, Longmont Co 80501.