

2013 CEFPI Utah
Educational Facility
Innovation Award

Copper Mountain

Jordan School District
Copper Mountain Middle School
New Secondary School (Jr. / Middle School)
Paul Bergera



Utah Chapter 2013 Educational Facility Innovation Award Package Instructions and Checklist

The CEFPI Utah Educational Facility Innovation award submittal package must be submitted electronically using the attached template. All projects must have been completed after January 1, 2003. Complete a submittal package for each project that you have registered. Email or FTP your completed PowerPoint package to donna@cefpi.org. Be sure to mark "Utah Innovation Award" in the subject line.

Submissions are due November 15, 2013.

INSTRUCTIONS: Modify this template to include photos, charts, images, data and narrative as identified on each ppt slide. Duplicate slides if necessary. Downsize all photos to 72 dpi screen resolution. Remove this checklist from your final submittal package.

CRITERIA FOR JUDGING

1. Description (400 words or Less) of why the project is outstanding and how it fosters exceptional student and teacher engagement.
2. Describe (600 Words or less) the planning process involved in conceiving the environment specifically designed to support your educational methodology. Explain which stakeholders were involved and what the stated goals of the project were.
3. Describe (600 words max) how the completed project accomplished the desired learning methodology and goals.
4. Include up to 10 Photographs of the project that support your descriptions.
5. Include relevant Floor Plan and Site Plan diagrams

ADDITIONAL DATA REQUIRED

1. **Project Details Form.** District information will be confidential and removed from information given to jury.
2. **Photo Release Form.** An original signed copy must be submitted to allow us to reprint photos in the conference program, on the region web site, or to be used in future marketing pieces. Please include one release per project.

For more information contact Donna (CEFPI Headquarters) at donna@cefpi.org

- Located in the beautiful city of Herriman, Copper Mountain Middle School stands proudly as one of Jordan School District's most outstanding achievements.
- The building was designed to support the educational methodology of the district, which is to foster a strong culture of Professional Learning Communities (PLCs), cooperative learning groups, and town center pods within the structure of Copper Mountain. The town center pods support STEM curriculum and project coordination. High levels of exceptional student and teacher engagement are a daily occurrence as students work together in cohesive groups, commonly known as "teaming or nesting". Furniture, in particular classroom desks, fosters collaborative learning for students and teachers as they work collectively in solving stated problems. Pods are situated in designated grade levels and are intended to provide a "town" feel, which effectively fosters an atmosphere of a school within a school. The smaller school within a school breaks the school down into small learning communities of students and teachers and helps the people in each pod connect through learning activities and socialization. Because of this unique design, which encourages proximity, the students feel safe and comfortable in their learning environment and anxiety among the students is significantly reduced, this enables their minds to be open to learning.

Narrative - Why this project is outstanding, and how it fosters exceptional student and teacher engagement (page 1)

- Students at Copper Mountain Middle School have an immediate connection with the campus. The school offers an exceptional setting where students are able to transition seamlessly from the elementary school to the middle school. The efficient organization of Copper Mountain Middle School provides clear wayfinding and allows students to move quickly and efficiently through the school. The ease of wayfinding reduces the chances for students to become or feel lost and also fosters elevated levels of student and teacher engagement by reducing distractions and anxiety. Lockers are easily accessible and are not isolated, which provides a feeling of safety and security.
- The infrastructure at Copper Mountain Middle School warrants quiet learning environments. This is a critical component to enhance academic achievement. Reduced distractions and a quiet setting is key to helping students succeed. Students, teachers, and parents at Copper Mountain enjoy a school that is able to capitalize on the vast world of technology and from the students it serves.

Narrative - Why this project is outstanding, and how it fosters exceptional student and teacher engagement (page 2)

- During the initial design phase of Copper Mountain Middle School the planning process included a dedicated collaborative effort with involvement from many stakeholders. Jordan School District assembled a stakeholder group comprised of middle school principals, teachers, students and district leaders. Their main objective was to provide reflection and assistance during the planning process. Their input was invaluable as the design of Copper Mountain evolved into what ultimately became a model for future projects. The group of stakeholders met periodically throughout the process to coordinate their efforts in modifying the design to align with the educational methodology of the district. There were considerable modifications throughout the process in order to achieve the project goals.
- The design of Copper Mountain Middle School was a process that took into consideration several variables. Included among them are the educational setting, technology, building codes and the learning environment at large to name only a few.
- The educational setting was designed as a collective effort. Principals from several different buildings worked in unison to assure areas of the building were created to enhance collaboration, encourage cooperative teaching and learning, provide pods that foster learning communities, which in turn, effect student achievement. Students feel safe at Copper Mountain. Way Finding allows students, parents and visitors to move quickly and efficiently through the halls. Space has been utilized effectively to ensure high levels of student and teacher engagement.

Narrative – Planning process, stakeholders and goals (page 1)

- Technology was and continues to be at the forefront of the planning process at Copper Mountain. As technology needs evolve, the facility is equipped to handle them. 21st century learning is alive and evident throughout the rooms, halls and common areas of the building. The notion of “flipped classrooms”, where lectures occur at home with parents and students, and homework happens at school, allows students and parents to work collaboratively by accessing the technology from the school. Videos produced by teachers and students can be seen at home with the use of technology thanks to the project design. Teachers are able to check out computer labs, which are available and used daily throughout town centers located throughout Copper Mountain Middle School.
- The learning environment at Copper Mountain is rich with enthusiasm and aspirations for the students it serves. Due to the collaborative efforts among the various stakeholders, the educational methodology has been realized and is implemented at Copper Mountain Middle School.

Narrative – Planning process, stakeholders and goals (page 2)

- The design of Copper Mountain Middle School genuinely complements the desired learning methodology and goals of its the stakeholder group and Jordan School District. The district has a vision of creating an environment that is conducive to a collaborative community.
- The entire school lends itself to a supportive setting where teaching and learning are evident the moment one enters the building. Students come together in unity and feel comfortable in their learning environment as they get to know each other. Teachers continually model collaborative learning for their students, which provides a framework for them to work together in solving stated issues or problems. The students, teachers and administrators all work together to contribute to the sense of community and their educational experience. The proper placement of pods throughout the school makes it convenient for collaborative learning. Shared strengths among team members bring together a common force in building a community of teaching and learning. The school has Teachers Advisory time four times a week. This time is for teachers of various subjects to meet and collaborate in the town center areas to become unified in learning and social activities and work together with activities to build a school community such as: Group collaborations, project based learning activities drug awareness posters, reading competitions, poetry readings, riddle of the day, reward dances, games, and discussing current events.

Narrative – How the completed project accomplished desired methodology and goals (page 1)

- The staff at Copper Mountain also gathers core teachers from the same town center, plus the CTE, PE, Fine Arts teachers and discuss how to better reach the needs of each individual student. The core teachers, located within the town centers, work with teachers of elective subjects to comprehensively consider the needs of each student and to foster a sense of school unity. One of the main goals at Copper Mountain Middle School is to encourage teachers and students to take advantage of intervention and extension activities that ultimately stretch a student's learning opportunities. The appropriate location of teachers' classrooms, along with the structure as outlined by the principal, maximizes teaching and learning within its walls. Within the building, lighting, energy, acoustics and architectural design allows the principal, Mrs. Kim Baker to implement and foster district instructional philosophy and support student engagement.
- Students, teachers, parents and the administration are thrilled with the integrated technology throughout Copper Mountain. Parents and students can learn together by way of a "Flipped Classroom" philosophy. This allows students and parents to work collaboratively at home while accessing the technology from the school. They have the ability to view lectures and videos in the comfort of their home in order to be better prepared to participate in classroom discussion and work on problem solving during the course of the school day. In addition to the lectures and videos, teachers establish a WIKI page for students to access at home. Teachers can check out computer labs, which are readily available, then take them to town centers located throughout the school. Copper Mountain truly is a model for 21st century learning.
- Jordan School District is proud to recognize Copper Mountain Middle School for its outstanding educational spaces, which through their design and utilization, foster exceptional student and teacher engagement by uniquely supporting 21st century learning principles.

Narrative – How the completed project accomplished desired methodology and goals (page 2)



East Facing Main Entry and Courtyard



Main Lobby and Common Areas



Creative Learning Classroom / Lab



Flipped Classroom



Faculty Collaboration



Student Teaming



Faculty Teaming



Site Plan



COPPER CANYON MIDDLE SCHOOL
LEVEL ONE FLOOR PLAN

Floor Plan – Level One



COPPER CANYON MIDDLE SCHOOL
LEVEL TWO FLOOR PLAN

Floor Plan - Level Two

Project Details

1. Project Name	Copper Mountain	
2. District Name	Jordan School District	
3. Award Category	New Secondary School (Jr. / Middle School)	
4. Superintendent	Patrice Johnson, Ed.D.	
5. Contact Person	Name:	Paul Bergera
	Email:	paul.bergera@jordandistrict.org
	Phone Number:	(801) 567-8752
6. Type of Facility	New Middle/Jr. High, New High School	
7. Number of Students Impacted	1,127	
8. Project Size	200,064 SF	
9. Occupancy Date	August 26, 2013	
10. Design Professional	MHTN Architects, Inc.	
11. General Contractor	Bud Mahas Construction	

Print, Sign, Scan and Submit with Package

Name of Project: Copper Mountain

Location of Project: Copper Mountain Middle School, Jordan School District

CEFPI has your permission to:

- ✓ Send photos electronically to jury members (required for entry).
- ✓ Display photos in the award winners' area of the website, if selected as a finalist.
- ✓ Display photos on other sections of the website as representative CEFPI projects.
- ✓ Print photos in CEFPI newsletters.
- ✓ Print photos on CEFPI marketing materials, i.e. brochures , awards, call for entries, etc.
- ✓ Print photos and project details in the CEFPI Design Portfolio, if selected as a finalist.
- ✓ Display photos at local or regional CEFPI, UFOMA, CAE or USBA events.

Please Note: CEFPI maintains an in-house archive of school designs as part of our research library. Your information will be entered and recorded as one of those designs.

School District: Jordan School District

Responsible Party/Photographer: _____

Print Name: _____

Signature: _____

Date of Release: _____

Photo Release: (Return *SIGNED* copy with your submittal)

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School District: Jordan School District

Responsible Party/Photographer: Trevor Muhler Photography

Print Name: Trevor Muhler

Signature:  Digitally signed by Trevor Muhler
DN: cn=Trevor Muhler, o, ou, email=traj@trevormuhler.com, c=US
Date: 2013.11.14 11:54:51 -0700

Date of Release: November 13, 2013

Photo Release: (Return SIGNED copy with your submittal)