



## 2018 Application

Performance Area:

Physical and Environmental Resources

Please complete all sections of this application form, save the file and email to [Training@msbanet.org](mailto:Training@msbanet.org) by 5:00 p.m. on Friday, March 9, 2018.

School District: Rockwood R-VI School District

Board President: Matt Doell

President Daytime Phone: (314) 575-8618

President Email: doellmatt@rsdmo.org

Names and Titles of Who Contributed to the Application:

We attest that this application has been completed and reviewed by the board members listed above and made with the knowledge and approval of at least a quorum of the board. We attest that the information provided in this application is true and accurate. **Signatures Required.**

Print Name:

Signature:

Matt Doell, President

*Matt Doell*

Loralee Mondl, Vice-President

*Loralee Mondl*

Jaime Bayes

*Jaime Bayes*

Dr. Keith Kinder

*Dr. Keith Kinder*

Lynne Midyett

*Lynne Midyett*

Randy Miller

*Randy Miller*

Tamara Rhomberg

*Tamara Rhomberg*

If selected as a winner, the Board of Education agrees to share their outstanding accomplishments through MSBA communication channels, including but not limited to publications, media outlets and/or presentations at meetings and conferences, on mutual agreement of the district and MSBA.

Yes  No

### Physical and Environmental Resources Criteria

- 1. Quality Learning Environment:** The physical environment is conducive to teaching and learning (e.g. temperature, air quality, lighting, acoustical, space related to student population, overall maintenance etc.). There is evidence of a process and plan to maintain and improve the district's facilities. The board periodically reviews the district's evidence in providing facilities and environmental conditions that are conducive to teaching and learning and supports plans that proactively seek improvements. There is evidence of improvements to the facilities and physical environment to support teaching and learning.
- 2. Safety & Security:** Systems are in place to provide safe environments for all students, staff and stakeholders (e.g., district/building access, stairs/elevators, fire safety, mechanical systems, custodial supplies and equipment, labs, shops, restrooms, health services, athletic facilities and playgrounds, corridors, interior doors, security and surveillance systems, food service and commons areas) as

directed by board policy. The effectiveness of practices to provide a safe and secure environment and the implementation of an up-to-date crisis/emergency management plan are periodically reviewed by the board. The board supports plans that proactively seek improvements in creating a safe and secure environment based upon standards and research. There is evidence of improvements in creating safe environments for all students, staff and stakeholders.

3. **Technology:** There is evidence of the implementation of a board-approved district technology plan to provide up-to-date technology and adequate infrastructure that effectively supports instruction, assessment and district administrative functions. The board periodically reviews the effectiveness of district technology in providing adequate support for instruction, assessment and administrative functions. The board supports plans that proactively seek ways to improve district technology. There is evidence of improvement in technology and infrastructure to support instruction, assessment and the administrative functions of the district.
4. **Environmental Practices:** An energy management plan is implemented to ensure efficient use of natural resources. Sound environmental and conservation practices (e.g., energy and water conservation and cost savings, Leadership in Energy and Environmental Design (LEED) standards/certification) are implemented. The board periodically reviews the effectiveness of current environmental and conservation practices and supports plans that proactively seek improvements for current and future practices. There is evidence of improvements in environmental and conservation practices within district operations.
5. **Community Use of Facilities:** Community use of school facilities is in alignment with district policies. The board periodically reviews the use of facilities by community groups when not in use by the district or district-sponsored groups. A balance between inclusion of community and stewardship of facilities is maintained.
6. **Long-Range Facility Planning:** There is evidence of long-range facility planning and maintenance planning as directed by board policy. Board review of long-range facility and maintenance plans and current state of facilities include enrollment projections and adherence to industry standards and provides guidance for capital outlay expenditures of well-planned facilities. The board proactively seeks improvements in the implementation of long-range facility planning and maintenance planning. There is evidence of improvements based upon long-range facility and maintenance planning.

### **Application Questions**

Provide the Board of Education's response to the following questions for each of the criteria areas listed above. Responses may not exceed one page for each of the criteria areas. Additional pages, including appendices or attachments, will not be read or considered.

1. Describe what occurred that is outstanding in the criteria area. Be sure to address all areas listed in the description of the criteria.
2. Fully describe how specific board practices achieved or contributed to the outstanding accomplishment for the criteria area. Fully describe the board's role and/or actions that led to the accomplishment.
3. How do you know it worked? Describe the evidence that demonstrates the board's practices are effective in meeting the criteria area.

### **Application Process**

On the last page of the application, describe the process the board used to complete the application so as to ensure participation of board members in the application process. Include information on the board's

process for deciding to apply for the award; how board members contributed ideas for the content of the application; board member involvement in the drafting of the application; and board approval of the final application to be submitted to MSBA. The response is limited to one page.

**Questions about the Application or Awards**

Please contact Janet Tilley, Director, Board Development, by phone at 800-221-MSBA (6722), ext 379, or by email at [tilley@msbanet.org](mailto:tilley@msbanet.org).

**Quality Learning Environment:** Describe what occurred that is outstanding in the criteria area; the board's role and/or actions that led to the accomplishment; and evidence that demonstrates the board's practices are effective. **Be sure to address all areas in the description of the criteria.**

**Quality Learning Environment:**

The Rockwood School District encompasses 150 square miles of southwest St. Louis County and part of Jefferson County with 19 elementary schools, six middle schools, four high schools, a gifted campus, two early childhood campuses, and an alternative high school serving a total of 20,930 students. The first facility was built in 1909 and the most current building is due to be completed for the 2019-20 school year. The Rockwood School Board is committed to seeing that every facility in the district is conducive to the teaching and learning of our students so the board closely works with the building facility and finance departments to ensure that there is regular maintenance, upgrades, and renovations. The facilities department creates a district Master Facility Plan by building's wants and needs through consultation with the building administrators and leadership teams. This list is evaluated by a Capital Project Scoring Tool which gives weighted scores for safety issues, building maintenance, regulatory issues, academic environment, revenue enrichment, and eminent mechanical failure. Items are then brought before the Board for review and approval on a monthly basis so that there is an ongoing schedule of overall maintenance and upkeep across the district. Renovations and building projects (BOE Policy 7210/7211) are submitted via a bidding process (BOE Policy 7120/7130) and recommendations brought to the Board for approval. The Rockwood BOE believes in educating all of the learners (CSIP Goal 4) in our school communities which has led to the inclusion of a Parent University as part of the district website. This serves as a resource for families and community members in the area of academics, social and emotional learning, safety, health and wellness, and college and career readiness. The Board periodically accompany the Assistant Superintendents on "walk throughs" of the buildings to observe the physical and educational environment which support teaching and learning.

**Board Involvement:**

- Capital Master Project Plan reviewed and approved
- Capital Project Scoring Tool implemented
- Successful 2015 and 2017 Bond Issue Campaign focused on Capital Improvements to learning environments 2015-
  - \$40.6 million for cycle maintenance- includes HVAC, lighting, roofs, parking lots, technology upgrades and expansion (1x1 for grades 6 -12) and \$28.3 million for construction projects
  - Kellison Elementary Exterior Renovation
  - Eureka High School Locker and Weight Room Renovation
  - Installation of four turf fields and tracks at four high schools
  - STEM labs installation at Lafayette and Summit/ Phase 1 at Marquette
  - Nurse state addition at LaSalle Middle School
  - Kitchen and Café' renovation and expansion at Uthoff Valley, Stanton, CCL
  - Facility upgrades- (4 district wide 4HS, 6 MS, 19 ES)-interior door locks and safety film at front entrance glass area
  - Energy efficient upgrades- HVAC and lighting automation-LED lighting
- Improvements to learning environments 2017-
  - \$75 million for construction projects and \$20.5 million for cycle maintenance
  - Geggie Elementary classroom addition
  - New Eureka Elementary
  - Eureka High School STEM lab addition – Phase II & III
  - Wildwood Middle School multi-purpose room addition
  - Technology cycle maintenance through 2026

**Safety and Security:** Describe what occurred that is outstanding in the criteria area; the board's role and/or actions that led to the accomplishment; and evidence that demonstrates the board's practices are effective. **Be sure to address all areas in the description of the criteria.**

**Safety and Security:**

The safety and security of the Rockwood staff, students, and community is paramount to the Board of Education as detailed in the district CSIP Goal #4-Create a safe and caring learning environment that includes a positive school culture and positive collaboration and communication throughout the school and community.

It is the board goal through ongoing review at BOE meetings to provide a learning environment which is safe and caring for students, staff, and community stakeholders. Rockwood understands the need for preparedness and strives to be proactive in our safety efforts. To that end, each facility is equipped with video admittance with security door locks, an automated system of visitor check-in, barricade safety film on the windows and doors, security cameras in high traffic areas, and routine safety drills including intruder alerts. Emergency management plans are kept current, practiced and visibly posted in classrooms and at each building exit as directed by the board. In addition to providing health services for our students the district provides health services to staff (BOE Policy 4800-Staff Welfare). Dr. Eric Knost, superintendent of Rockwood School District, updates the BOE of his continuous work within our community regarding safety efforts and protocols. He meets with local law enforcement and area superintendents to review safety procedures and opportunities to increase the number of police officers dedicated to schools. Currently, each of the Rockwood Schools has a School Resource Officer (SRO) who by being highly visible become "educators with badges" who partners with the school district to provide security for our schools and community. School safety is not achieved by just adding resources; it is equally important to build on the core values of establishing relationships with every student and every family. By focusing on our core values, all students have a champion at school supporting and guiding them to reach their potential. Rockwood policies and regulations align with BOE mandate to provide a safe learning environment. Under the supervision of the district facilities department, each building maintains a record of safety/ security issues reported. The in-house custodial staff has the ability to verify any reported issue and many of these can be adjusted via an online support system which saves time and finances across the district. Through BOE approval all facilities are equipped with occupancy light sensors both for safety and for economic factors.

**Board Involvement:**

- Facility upgrades- (4 district wide 4HS, 6 MS, 19 ES)-interior door locks and safety film at front entrance glass area
- Construction of Tornado Safe Rooms at the new Eureka Elementary and Wildwood Middle School multi-purpose room
- 100% of classrooms are occupancy sensor controlled
- Building custodial staff trained to interface with district-controlled environment via online reporting
- All schools have intruder alert systems which are regularly serviced
- All school administrators have hand-held, portable, two-way radio transmitters
- Rockwood maintains a Voip phone system for contact within the schools and to connect to 911
- A crisis call center- The Rockwood Connect Hotline which serves as a mass communication for district-level messaging
- Community Emergency Response Team (CERT) training- 30 staff from 2014 trained
- Character education programs in every Rockwood school
- A biennial crisis workshop bringing together emergency management officials, school administrators and parent leaders

**Technology:** Describe what occurred that is outstanding in the criteria area; the board's role and/or actions that led to the accomplishment; and evidence that demonstrates the board's practices are effective. **Be sure to address all areas in the description of the criteria.**

**Technology:**

There is evidence of the implementation of a board-approved district technology plan to provide up-to-date technology and adequate infrastructure that effectively supports instruction, assessment, and district administrative functions. As part of the district comprehensive school improvement plan (CSIP) the BOE approved the 2014-2017 technology plan. (CSIP Goal 1.0, Objectives 1.1 and 1.2 - Cooperatively provide a student performance reporting system to inform improvement efforts district-wide • CSIP Goal 2.0, Objective 2.2 - Provide relevant professional development opportunities, called Instructional Technology After Dark (ITAD) program • CSIP Goal 2.0, Objective 2.3 - Cooperatively develop a system that utilizes analytical data to assess and improve employee performance • CSIP Goal 3.0, Objective 3.2 -Implement managed print services in an effort to reduce printing costs 20% over three years • CSIP Goal 3.0, Objective 3.4 - Ensure adequate infrastructure and devices to ensure students and employees have access to current technology.)

**Board Involvement:**

The board periodically reviews the effectiveness of district technology in providing adequate support for instruction, assessment, and district administrative functions.

- Toner cartridges contract (to help reduce costs) Academic Supplier
- Adobe K-12 Creative Cloud Software Academic Superstore
- New electronics (switches and components) (E-rate)
- Install new data wiring (E-rate) (upgrade facilities) TSI
- Entrust SSL certificates to protect our websites EnPointe
- New contract for Plexar services (telephone) AT&T
- Chromebook and cart purchases (1:1 & elementary) Trinity3 Technology
- Support contract for Kace ticketing, imaging system Quest Software
- IC Online Registration (online document sign/submission) CIC
- Support contract for Finance/HR system PowerSchool Group
- Internet bandwidth increase MOREnet
- New iBoss Internet content filtering appliance system MOREnet
- Support contract for network file storage Dell Compellent
- New wide area network contract (E-rate eligible) Spectrum Enterprise

**Environmental Practices:** Describe what occurred that is outstanding in the criteria area; the board's role and/or actions that led to the accomplishment; and evidence that demonstrates the board's practices are effective. **Be sure to address all areas in the description of the criteria.**

**Environmental Practices:**

The Rockwood School Board consistently applies environmental best practices to its 31 buildings through a comprehensive facilities management plan. One outstanding accomplishment is that nine of the Rockwood schools have been ENERGY STAR certified- a designation which means that those buildings average 35 percent less energy use than typical buildings (EPA). As a BOE we look to add more schools to this designation through the long-range facility plans and environmental board approved practices. As evidence of the Board's effective practices the Rockwood School District has secured from Ameren Missouri \$221,749.38 through the Ameren incentives programs since 2010. These incentives have been based on upgrades to existing lighting systems and HVAC controls throughout the district. Nearly 100 percent of the district interior and exterior lights have migrated from fluorescent light to more efficient LED lighting which constitutes a savings not only financially but also in personnel time and energy. We have active projects that will also qualify for additional incentives in the future so that number will continue to grow as long as the Ameren rebate programs are sustained.

**Board Involvement:**

- Energy efficient upgrades- HVAC and lighting automation-LED lighting
- Nine schools (Early Childhood Center/Clarkson Valley, Fairway Elementary, Wild Horse Elementary, Lafayette High School, LaSalle Springs Middle School, Chesterfield Elementary, Stanton Elementary) have received the designation as ENERGY STAR schools
- \$221,749.38 secured through Ameren Missouri incentive program based on upgrades to existing lighting systems and HVAC controls throughout the district
- Computer-based remote central management system
- Bio Fuel Project at Rockwood Summit HS and Washington University is a community partnership

**Community Use of Facilities:** Describe what occurred that is outstanding in the criteria area; the board's role and/or actions that led to the accomplishment; and evidence that demonstrates the board's practices are effective. **Be sure to address all areas in the description of the criteria.**

**Community Use of Facilities:**

Community use of school facilities is in alignment with BOE Policy 1420- Use of Facilities- which states that the facilities may be used by civic, social, and educational organizations when not in use for District purposes. As a result, non-district administered groups using the facilities are responsible for the cost of their use - so the expenses are not passed on to the Rockwood taxpayers and the community at large. Any individual or group requesting use of school facilities will be charged fees in accordance with current rates, unless otherwise approved by the Superintendent/designee. User groups are divided into three classifications. Classifications are listed in priority order for use of district facilities and fees are determined based on the type of use and the non-profit status of the group. The classifications are: Non-profit, non-district administered activities, including but not limited to: a.) Club sports b.) Junior programs c.) Boy Scouts and Girl Scouts d.) Non-profit sports teams and community athletic associations e.) Public hearings and/or public forums of tax-supported political subdivisions that are at least partially located within the Rockwood School District f.) Community-based groups, including sectarian and political. The board periodically reviews the use of facilities by community groups when not in use by the district or district-sponsored groups.

Parkway Rockwood Community Education is a unique partnership between two neighboring school districts (Parkway and Rockwood) started in July 2014. It is the only example of two large school districts proactively working together to offer joint Community Education in the St. Louis area and is recognized as a national model. Parkway-specific programs and total Community Education participation for FY17 was just over 45,000. A balance between inclusion of community and stewardship of facilities is maintained by the district through the BOE approved Policies and Regulations. Community Ed has reinvested more than \$1,500,000 in schools in the past five years. Through the efforts of the Community Education development the Rockwood BOE has not only been able to partner with community groups but has also provided numerous improvements to our facilities. Listed below is a three-year (FY14-FY17) average for Facility Usage.

**Board Involvement:**

- 16,830 hours of use of Rockwood facilities by non-district administered groups in FY17 (community rental groups)
- 7,321 number of activities held by non-district administered groups in FY17 (community rental groups)
- Annual average rental income from facility usage over past three years - \$347,171.48
- Annual average net income after expenses from facility usage in past three years (this money is transferred to district operating fund) - \$122,717.73
- 30,000 participants in Community Education for FY17

The projects below were 100% funded by Community Ed:

- Replacement of all 19 elementary gym floors with terra flex sports court flooring
- Replacement of basketball backboards and rims at all elementary schools and a few middle schools
- Replacement of Selvidge MS and Rockwood South MS multi-purpose room flooring
- Refinish Rockwood South MS main gym floor and Crestview MS lower gym floor
- Replacement of LaSalle MS and Rockwood Valley MS main gym floor
- Eureka Elementary electrical project
- Renovation of several elementary and middle school fields
- Installed LED Lighting in all district pools
- Installed volleyball pole sleeves and purchase volleyball net systems for several schools throughout district
- Replacement of wall pads in Crestview MS lower gym



**Long-Range Facility Planning:** Describe what occurred that is outstanding in the criteria area; the board's role and/or actions that led to the accomplishment; and evidence that demonstrates the board's practices are effective. **Be sure to address all areas in the description of the criteria.**

**Long-Range Facility Planning:**

Rockwood Board Policy directs long-range facility planning and maintenance planning. The Rockwood CSIP for 2014-19 addresses the development of a comprehensive facilities plan. The BOE reviews the long-range facility and maintenance plan annually with monthly reviews of changes and upgrades.

- Guidance for capital outlay expenditures for well-planned facilities is addressed by the BOE.
- Monthly, the BOE reviews and provides approval of change orders; bond issue purchases \$7,500 - \$150,000, and bond issue purchases over \$150,000.
- "Planning for the Future" document presented to the public on the Rockwood District website.

Enrollment projections are continually reviewed by the BOE. In 2016 the Rockwood BOE reviewed enrollment projections and determined to place a bond issue on the April 2017 ballot to address projected enrollment increased in the Eureka area and across other areas of the school district.

For the past two bond issue campaigns, Dr. Knost, Superintendent of Schools, and the BOE worked to establish positive community perceptions by conducting Town Hall meetings, engaging informative social media and providing website communications. Results were:

- Successful 2015 Bond Issue Campaign - \$68.9 Million. Projects include:
  - Kellison Elementary Exterior Renovation
  - Eureka High School Locker & Weight Room Renovation
  - Installation of four (4) turf fields and tracks (All four High Schools)
  - STEM Labs Installation at Lafayette and Summit and Phase I at Marquette
  - Nurse station addition at LaSalle Springs Middle School
  - Kitchen and Café renovation and expansion at Uthoff Valley, Stanton & CCL
  - Facility safety upgrades – district wide (4 HS, 6 MS & 19 ES) – Interior door locks and safety film at front entrance glass area
  - Energy efficiency upgrades – HVAC and lighting automation – LED lighting
  - Recap - \$40.6 million for cycle maintenance – includes HVAC, lighting, roofs, parking lots and technology upgrades and expansion (1:1). And, \$28.3 million for construction projects listed above
- Successful 2017 Bond Issue Campaign - \$95.5 Million. Projects include:
  - Geggie Elementary Classroom Addition
  - New Eureka Elementary (108,000 s/f)
  - Eureka High School Stem Lab addition (90,000+ s/f)
  - Marquette High School Stem Lab addition – Phases II & III
  - Wildwood Middle School Multi-Purpose Room addition
  - Continued emphasis on facility and technology cycle maintenance annual through 2026
  - Recap - \$75 million for construction projects listed above. And, \$20.5 million for cycle maintenance

The Rockwood BOE proactivity seeks improvements in the implementation of long range facility planning and maintenance planning.

- Community input solicited for 2015 and 2017 bond issues – Superintendent and BOE held town hall meetings at various schools.
- CSIP Finance/Facilities Committee meets twice per year – provides updates and post information on district website – members include parents and community leaders.

Adherence to industry standards provides guidance for capital outlay expenditures of facilities. Evidence includes:

- Energy efficiency initiatives - expansion of building automation controls and converting all exterior lighting to LED; and began initiative to include replacing interior lighting to LED.
- Nine schools have received the designation as ENERGY STAR schools.
- Safety measures in the 2017 Bond Issue also include the construction of Tornado Safe Rooms at the new Eureka Elementary and Wildwood MS multi-purpose building.

**Application Process:** describe the process the board used to complete the application so as to ensure participation of board members in the application process. Include information on the board’s process for deciding to apply for the award; how board members contributed ideas for the content of the application; board member involvement in the drafting of the application; and board approval of the final application to be submitted to MSBA.

Application Process: Describe the process the board used to complete the application so as to ensure participation of all board members in the application process.

Upon eligibility notification for an Outstanding Boards of Education Award the Rockwood School Board conferred and appointed a committee of three BOE members to review the performance categories and report back to the BOE with district strengths and areas of growth. This became an opportunity for the BOE to reflect and self-assess board practices and performance. After careful consideration the committee brought back a recommendation to submit an application in the area of Physical and Environmental Resources. The BOE committee then drafted a timeline and an action plan for the BOE. Per that timeline, the committee compiled data, accomplishments, and evidence before submitting drafts to the entire BOE for review and input at the bimonthly meetings. Based on that input the application was revised and submitted for one final review before being authorized for submission to the Missouri School Board Association meeting the March 9, 2018, deadline.



**Safety Issues – Includes projects that have a direct safety impact to the students or staff.**

<p><b>RATING # 1</b>  <b>Low Priority</b>          Work is necessary, minimal required. This includes building code violations, fire safety issues, etc.</p>	<p><b>RATING # 2</b>  <b>Medium Priority</b>          May impact student safety but an acceptable work around has been established but will not work on a permanent basis.</p>	<p><b>RATING # 3</b>  <b>Low Priority</b>          This may impact student safety but an acceptable work around has been established.</p>	<p><b>UNRATED/OTHER</b>  <b>CATEGORY - 12</b></p>
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