RVSD ENDOWMENT

Awards are given in the spring of each school year, for use in the following school year.

Year	Grant Title	Grant Description	Staff Involved
2014-15	**5th Grade Overnight Outdoor Education** **$500**	While this program has been in existence for over 15 years, our contribution to the experience will help make it possible for all 5th grade students in the district to participate. The purpose and goals of the program allow students to gain firsthand experience with adventure education activities, outdoor education pursuits, and environmental education knowledge to inspire students to continue a lifelong relationship with nature and physical activity. (Approximately 100 students will be impacted.)	Erin Blakley
	Artist in Residence **$500**	This project will involve all River Valley Elementary Lone Rock students in activities related to art, drama, architecture, literature, and art in nature, through exposure to local artists, with the goal of increasing awareness of art in all forms and appreciation for its value in the world. (Approximately 90 students will be impacted.)	Linda Kettner
	Learning Seeds **$500**	This project will enlist students, parents, community members and faculty in re-creating an outdoor learning center for middle school students adjacent to the middle school building. Students will learn about prairie plants and restoration, animal habitats, teamwork and ownership. At the end of the project there will be a clear design for the prairie, clean up and new planting will have occurred, and new birdhouses will be installed. (Students in grades 6-8 may be involved.)	Heather Meixelsperger
	Techno Science **$500**	Technology in education continues to grow exponentially and this grant will assist in providing more tablets for use by middle school students. The goal is for students to use technology to broaden their understanding of concepts, be exposed to new activities, i.e. geocaching, and record their learning in labs and outdoor activities. (Approximately 175 students will be impacted.)	Heather Meixelsperger
	Apple TV/iPad Technology Integration **$500**	Through the use of this technology, middle school students will be able to collaborate on projects and show their reading strategies through peer and teacher modeling. As the teacher presents information, he will be able to move around the classroom which will improve student engagement and classroom management. (Approximately 150 students in 6th and 7th grade will be impacted.)	James Russell

Year	Grant Title	Grant Description	Staff Involved
2015-16	**Robotic STEM Project** **$500**	The purpose of this project is to increase science, technology, engineering and math initiatives in a multidisciplinary approach through the Technology Education, Science, and Business Education classes. The implementation of computer-programmed robots into these classes will foster a greater understanding of how computer science works. (The entire middle school population of 314 will be impacted.)	Jamie Licht, Heather Meixselperger, Jason Meixelsperger, Cheryl Ross
	RVMS Blackhawk Outdoor Sculpture **$500**	During the first semester of the 2016-17 school year, RVMS students will work in teams to create a drawing (plan/blueprint) and a 3-D scale model of a Blackhawk sculpture. The winning sculpture design will then be constructed by the high school student welders and Plasma CAM operators in order to showcase their craftsmanship. (Thirty to 100 middle and high school students will be impacted)	Sue Quale and Carla Carmody
	K/3 STEM Educational Enrichment **$500**	This project will provide a STEM experience pairing kindergarten and third grade students with the goal of increasing awareness, building interest and sparking enthusiasm and creativity while learning about engineering. (Approximately 28 elementary students will be impacted.)	Linda Kettner and Cindi Manske
	5th Grade Overnight Outdoor Education **$500**	While this program has been in existence for over 15 years, our contribution to the project will assist in allowing all 5th grade students in the district to participate. The purpose and goals of the program allow students to gain firsthand experience with adventure education activities, outdoor education pursuits and environmental education knowledge to inspire students to continue a lifelong relationship with nature and physical activity. (Approximately 70 students will be impacted.)	Nikki Hunter and Tim Coyle
	High School Gardening **$500**	The purpose of this project is to revitalize the high school garden to make it a more functional and utilized place for learning that fits the foundation's mission of environmental studies and multi-disciplinary instruction. The grant will be used to help cover the cost of many necessary tools and supplies. (Approximately 50+ high school conservation science and special education students will be impacted).	Erik Johnson
AWARDED BUT RETURNED; PROJECT CANCELLED	**Smart Music in the Classroom** **$500**	This project utilizes the "Smart Music" app interactive program which provides individualized and immediate feedback to students on pitch and rhythm and gives students immediate assessment for further growth and improvement. This application enhances the teachers' ability to integrate technology into a traditionally performance based classroom. (Approximately 200 students will be impacted.)	Tony Cavagnetto and Matt Snow

Year	Grant Title	Grant Description	Staff Involved
2016-17	**Conservation Field Trip** **$800**	This grant will be used for 130 high school agriculture and science students to provided a day of hands-on activities lead by Leopold Conservation Award recipient, Dick Cates, learning about forest and prairie ecology, rainwater, infiltration CWD in the deer population, native trout streams and managed grazing practices and the food chain. In addition, a service-learning component of this grant will have students either assisting with the construction of a trail system built by the Ice Age Trail Alliance while another group does work at a local nursing home.	Erik Johnson and Shari Graffunder
	RV Broadcast Studio **$734**	Reaching the entire K-12 population of students our district technology coach will create a permanent studio where both audio and video productions will take place providing opportunities for students to experience and expand their broadcasting and editing skills to produce a finished media project.	Mike McDermott
	RV Elementary STEM Camp **$1000**	Led by teachers from our three elementary schools, this grant will help to fund the first RV elementary STEM Camp, which will be open to students across the district who have completed grades 2—5. This camp will expose students to various activities to practice using integrated problem solving skills that have lifelong applications.	Cindi Manske, Barb Ferguson, Lori Baryenbruch, Tera Hollfelder, Linda Kettner, and Michelle Weiss
	Heart Zone Technology **$1000**	Led by teachers from our three elementary schools, this grant will help to fund the first RV elementary STEM Camp, which will be open to students across the district who have completed grades 2—5. This camp will expose students to various activities to practice using integrated problem solving skills that have lifelong applications.	Jeff Johnson and Laura Stanton
Year	**Grant Title**	**Grant Description**	**Staff Involved**
2017-18	**Robotics (Sumo Bots)**	Continuing the theme of exposure and experience with career oriented	Jamie Licht and Sue Quale

	$1432	STEM applications, this project will allow eighth grade students to work in teams to design, fabricate, program and operate Sumo Bots. Beyond the STEM disciplines that are highlighted in the projects, students will have the opportunity to develop their communication, collaboration, leadership and problem solving skills.	
	LED Lighting and Coordinating Systems **$550**	Watch for the results of this project in future programming throughout the district, as technology and engineering skills will be used to create exciting lighting effects at school events.	Phil Manske
	Introduction to Video Game Design **$1185**	This will be a new elective course at the HS in 2018. Once again the STEM disciplines, plus artistic abilities will be incorporated to provide students with an understanding of the technological and creative components required to build and launch a new video game. The initial student interest in this class offering has been very high, and will provide another avenue for exploration of a future career direction in a technical college setting.	Lori Hoffman
	STEM Lab **$1000**	This project will establish a Science/STEM/Gifted and Talented creative space at River Valley Elementary starting in the fall of 2018. The goal is to promote creativity using hands on innovative experiences related to Science and STEM (Science, Technology, Engineering, and Math) activities. The teachers will develop programming using these materials	Cindi Manske, Linda Kettner, Kathy Harris, and Jaime Hegland

		to enhance the experience of all students in grades 1-4.	
Year	**Grant Title**	**Grant Description**	**Staff Involved**
2018-19	**Living Wall** **$3000**	While teaching practical life science, technology, and welding skills this project reaches students across several grade levels who will research, collaborate, and engineer ways to create a living wall of plants to be featured in the middle school.	Heather Meixelsperger, T.J. Wunnicke, Carla Carmody
	Coding with Ozobots **$1200**	After attending a computer science professional development class, Lori added a computer science unit to her curriculum. This grant will allow her to take her students to the next level of programming Evo Robots to do specific tasks.	Lori Baryenbruch
	RV Forest Trail **$1000**	With the goal of getting all middle school students involved in the outdoor, this grant will be used to further develop and utilize the school forest trail created during 2016/17. It will be used to improve the trail, learning spaces, and emphasize multidisciplinary instruction as well as professional growth for teachers on innovative educational techniques.	James Radtke
	Tour Virtually Anywhere **$364**	High school sophomores, juniors, and seniors will be able to view places they are studying as well as historical sites in 3-D.	Ryne Ponsler
	Bluebird Trail **$216.90**	Students will create a habitat for bluebirds to raise their young while researching locations, building the birdhouses, monitoring, and maintaining the trail.	Tera Hollfelder
	Get Your Code On **$600**	This grant will provide opportunities for hands on experience in coding and robotics to teach math and science concepts along with problem	Cindi Manske

		solving, collaboration, communication, perseverance, and sequencing. With application into several subject areas students will see how STEM concepts are relevant to their everyday life.	
Year	**Grant Title**	**Grant Description**	**Staff Involved**
2019-20	**Escaping the Classroom to Bring Life to Communities** **$1,200**	This project involves all middle school students in a celebration of Earth Day with physical activities of help in each community of the RV District as well as speakers and STEAM activities.	Heather Meixelsperger, Jason Meixelsperger, Lori Baryenbruch, James Radtke
	Taliesin Passion Projects **$670**	This project focuses on a multi-disciplinary approach for students to tour the Taliesin Estate and then develop related passion projects over a 4-month period researching their areas of interest.	Kathy Harris
	Renovation and Relocation of Janene King Fitness Trail **$1,250**	This project involves renovation and relocation of the Fitness Trail making it user friendly for all K-12 students as well as community use.	Lisa Roelke
	High School Library Media Center: Interior Art and Commercial Design **$2,000**	This project is a collaboration between teachers, students, and community members involving a multi-disciplinary approach resulting in a redesign of the high school library media center and creating gallery space.	Dede Holverson, Kasey Maxwell, TJ Wunnicke
	Endless Chickard Love **$975**	This project includes the research, development and construction of a bearded dragon tank, chicken tunnel with electronic door, and larger scale hydroponics.	Heather Meixlesperger, TJ Wunnicke, Robby Jacobson, Jason Meixelsperger, James Radtke