

On April 14, the Green River Regional Educational Cooperative (GRREC) will host STEMfest 2021. The current plan is to provide this exciting professional learning experience and networking opportunity to educators of grades 6-12, throughout the GRREC region (45 school districts). GRREC follows CDC guidelines and will host this event with a limited in person capacity and an unlimited ZOOM audience.

The GRREC STEM^{CS} Team believes amazing things happen when teachers share the belief that they are able to achieve collective goals and overcome challenges to impact student achievement (Donohoo, 2017). The STEM^{CS} grant participants function today as a community of learners who come together frequently to share successes and challenges as they work to transform traditional curriculum into inquiry-based, cognitively engaging learning experiences for all students. Our professional learning plan builds on the collective efficacy of the STEM^{CS} teacher participants as teacher leaders sharing their journey as they move from teaching content in isolation to an approach that fosters creativity and innovative thinking in all students and brings a real-world context to learning all content.

All STEM^{CS} teacher leaders will design and deliver a hands-on, minds-on STEM^{CS} professional learning experience for GRREC region attendees. Event attendees will experience what STEM education looks like, sounds like and feels like as a learner as well as how to leverage the power of learning through the integration of NASA assets into the curriculum. The teacher leaders will also share their growth in STEM content and pedagogy through their Endeavor learning experience. All audience members will leave with a NASA assets resource guide.

The greatest obstacle we foresee in delivering STEMfest 2021 is marketing to an audience who are mentally and physically exhausted due to teaching during a pandemic. Approaching advertising from the perspective of STEMfest 2021 is a rejuvenating and inspiring professional learning experience might just work!