Mid-Phase Competiton -- Absolute Priority 2 (General)
Literacy Design Collaborative
S411B210013
Scaling an Evidence-Based National Model of Instructional Systems' Success

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Scaling an Evidence-Based National Model of Instructional Systems' Success
Type of Grant Requested: Mid-Phase
Absolute Priorities: Grant meets Absolute Priority 1 (Moderate Evidence) as well as Absolute Priority 2 (Field-Initiated Innovations: including reaching targeted subpopulations). Both invitational priorities are addressed by access to high quality teachers and rigorous remotely accessed content.
Total number of students to be served in the project: 302,400
Grade level(s) to be served by the project: 6-8
Definition of high-need students: 80+% FRL; 85+% Black, Latino, Native American
Project Description/Project Activities: Instructional systems approach that leverages technology to drive objectively measurable, statistically-significant improvements in student CCRS and science state test scores in rural, exurban, and urban high needs districts. Both teachers and students learn virtually using LDC's award-winning online educator learning platform (CoreTools) interfacing with GoogleClassroom APIs to support and track students mastery of NGSS and CCRS standards. Teachers learn virtually in PLCs supported by, in parallel, virtually-trained school instructional leadership teams (ILTs) who progress monitor students measured in real time using SCALE (Stanford Center for Assessment Learning and Equity) student rubrics. Teachers instruct SCALE-validated student performance tasks incorporating National Geographic STEM content integrated strategically with existing curricula multiple times (4-6) throughout the year. During the grant, additional instructional OER performance writing task content will be made fully scalable by tech-enablement through LDC's award-winning agile development, user-center designed system to create standardized, virtual, and measurable 'assessment for learning" experiences for both students and teachers. All content and technology experiences continue to be user-centered designed field- based innovations.
Summary of project objectives and expected outcomes: Validate statistically significant improvements in student NGSS and CCRS standards performance on state tests through CRESST (UCLA)'s independent Randomized Control Test meeting What Works Clearinghouse standards.
Organizations Partnering with this Project: LAUSD, Kentucky rural school districts; SCALE; CRESST-UCLA; National Geographic; Mobility Labs.