

6th Grade Cosmic Creator Challenge

Informed Consent and Certification of Originality Form

Program Description: Your sixth grade students are participating in a Science Communication competition hosted by Clark Planetarium as part of their space science unit at school. The purpose of this competition is to encourage students to use their creativity to communicate the main topics of their sixth grade science curriculum through digital media creation. Students may choose which of the three space science standards to address, which form of media to create, and their approach to that medium. They will present their finished project to their peers in class and be evaluated on five characteristics: the accuracy of the science they present, their creativity, the quality of their project, and how well they demonstrate design software proficiency, and their science communication skills. If the scores they receive from peer reviews are lower than they desire, they will be encouraged to revise their project and re-present it to their teacher. Completed projects in each media category will be sent to the Education Department of Clark Planetarium for final judging, and the winning students and their parents and teachers will be invited to Clark Planetarium for an award ceremony in February 2025. It is anticipated that this competition will enhance student learning of the space science standards and lead to greater creativity and student engagement.

The winning projects with student first names, last initials, and school names and student photos will be featured at our award ceremony and through the Clark Planetarium website and *Educator* newsletter. Photos of the original projects will be displayed on the 3rd floor of the planetarium. Photos of the projects and the award ceremony event will be used by the Planetarium for promotional purposes.

Consent: I hereby give permission for my student's name and photo, and photos of the project, to be used for contest announcements and promotional materials for Clark Planetarium.

Student Name: _____ Signed: _____ Date: _____
Please print _____ Parent or Guardian _____

Research Studies: In addition, data collected through this competition including the projects, the peer critique forms, and descriptions written by the students will be used for a doctoral dissertation through the University of Northern Colorado by David Black, Education Program Specialist at Clark Planetarium. In this dissertation, no student, school, or teacher names or other identifying information will be used. Students and their projects will be referred to by a randomly assigned code known only to the researcher in order to maintain student and teacher confidentiality. Data related to this study will be saved on a thumb drive kept in a locked safe for three years as required by the university, then will be deleted.

I hereby give permission for my student's project description, peer critique forms, and images of the project to be used for research purposes with the understanding that my student's name, school, teacher, and other identifying information will be kept private and not used in any research publication.

Signed: _____ Date: _____
Parent or Guardian Signature _____

Originality Requirement: To ensure that all parts of this project are original work by students, we will not allow any copyrighted material to be used in these submissions including photos from the Internet or other sources. Any use of Artificial Intelligence systems including ChatGPT, Midjourney, or other AI enhanced artwork or text will not be allowed.

I hereby certify that all parts of this project, including images and text, are entirely the work of this student and that no copyrighted materials or AI systems were used.

Signed: _____ Date: _____
Student Signature _____

Signed: _____ Date: _____
Teacher Signature _____