**Who:** The Mississippi School for Mathematics (MSMS) is calling for Mississippi students in 3rd-6th grade to participate in an Engineering Design Challenge.

This challenge will be split into 2 tiers that will be judged/scored separately.

* Tadpole: 3rd - 4th Grade Students
* Bullfrog: 5th - 6th Grade Students

Teams should include 3-6 students with a designated adult contact person (teacher or parent). After the challenge, all team members will receive a certificate, and the winning team in each tier will receive a prize pack.

**What:** A “Moonshot” project is a project that is designed to be ambitious and to shoot for the moon! We will be challenging students to design their own small-scale catapults and shoot for the moon themselves. Each team will be sent a box of simple supplies from MSMS containing all of the materials needed to complete this ambitious project. Throughout the challenge, schools will be given access to videos made by MSMS students that explain the Engineering Design Process, how things launch through Action and Reaction physics, as well as other important ideas and concepts to support the brave designer throughout the challenge. Teachers will also be given the opportunity to ask for extra assistance and schedule for live Zoom meetings with Dr. Grimes and MSMS students during the school day.

**When:** The materials for this competition will be delivered on/before April 5 with the competition officially beginning that day. The competition will officially close April 30 with all requested videos and papers being submitted by 11:59 pm that day to MSMS.

**Where:** *Making a Moonshot* will be held fully virtually without any need to travel. All physical materials will be mailed to the address that teams provide during registration. To finish the challenge, teams will be asked to submit their materials through an online portal. The details of what they will be judged on will be listed in the Rulebook provided after registration!

**How**: Register your team to receive all of the information and materials for the challenge.

REGISTER NOW: <https://msmsadvancement.wufoo.com/forms/s1p8zk1x004i5cj/>