



DREAM WITH US Judges



DREAM WITH US DESIGN CHALLENGE SUMMARY

The Dream with Us design challenge (DwU) is an annual competition for middle and high school students to create innovative solutions for the future of aviation. Each year students in grades 6-12 are challenged to work on real-world issues that NASA Aeronautics is working on today. The goal of DwU is to inspire and prepare students for a career in aviation in a variety of technical fields such as science, technology, engineering, and mathematics as well as other STEM-related career areas. Visit the Dream with Us design challenge webpage to learn more.

<https://www.nasa.gov/dream-with-us/>

The **2025-2026 Dream with Us Design Challenge theme is AgAir: Implementing UAS into the Agriculture Industry.** The Middle School Aviation Challenge asks students in grades 6-8 to dream of new or improved uncrewed aerial systems (UAS) to support the agricultural industry in areas such as production, harvest, resilience to weather and climate, monitoring, or other areas important to the agriculture industry and the participant. The High School Engineering Challenge asks students in grades 9-12 to develop new uncrewed aerial systems (UAS) to support monitoring for pests harmful to the agriculture industry and the environment with the ability to take plant samples.

JUDGE DESCRIPTIONS

MIDDLE SCHOOL JUDGES

Middle school judges read and score project presentations on your own time. Presentations contain both a technical and creative category and follow a scoring rubric. It takes about 1-3 hours to score all assigned presentations. (Optional): Meet with other judges online via Microsoft Teams to choose the top 3 teams. A judges' meeting link will be sent to your registered email address.

HIGH SCHOOL TECHNICAL JUDGES

High school judges read and score the Engineering Design Notebooks during the judging window, on your own time. It takes about 2-4 hours to score an Engineering Design Notebook and the number of notebooks assigned to each judge varies, depending on the number of submissions and availability of each judge. Judges will use the scoring rubric to evaluate the teams' notebooks.

HIGH SCHOOL PRESENTATION JUDGES

High school presentation judges score all presentations in real time during a one-day presentation session (on a Saturday), then meet with the other judges to determine the top 3 teams. This judging role does not require technical expertise. Presentation scoring and judge collaborations occur online via Microsoft Teams in one day. A presentation link and a separate judges' meeting link will be sent to your registered email address.

THANK YOU!

Thank you for your consideration to be a Dream with Us judge. We appreciate you lending your time and expertise to support our challenge and the participants. Visit the individual challenge webpages <https://www.nasa.gov/dream-with-us/> to complete an interest form to become a judge for the middle school or high school challenges. Judges can participate in any or all of the above-described categories.

CONTACT US!

If you have any additional questions about becoming a judge for the Dream with Us: Middle School Aviation Challenge, you may reach out to us at aeroSTEM@nasa.onmicrosoft.com. If you have any additional questions about becoming a judge for the Dream with Us: High School Engineering Challenge, you may reach out to us at 9-APL-FAAEducation@faa.gov.