

How to Facilitate DETECTS

Words/phrases underlined are resources linked on the How to Facilitate DETECTS page on uahdetects.org

Fill out an interest form

After you've looked through the [overview presentation](#) describing the project, and you are interested in DETECTS, you can fill out an [interest form](#)!



Interest Form

Watch the Teacher Workshop Videos

Watch a series of recorded [Teacher Workshop videos](#) to help prepare you as a teacher to facilitate DETECTS.

Meet with us (Optional)

After you sign up, we'll contact you from detects@uah.edu about meeting with us (in-person or virtual). We'd like to meet with you to talk about the project and answer any of your questions.

One month before you start the program, fill out the Equipment Request Form.

One month before you start DETECTS, fill out the [Equipment Request Form](#) so that we can send you your free High Altitude Balloon equipment. Less than a month's notice is fine. Regardless though, please make sure you'll have time to do the program before submitting this form. If/When you do submit this, you'll be making the following agreement:

1. By requesting this equipment, I agree that my students will definitely start DETECTS, and we intend to finish it, barring unforeseen circumstances. Regardless, I (or my students) will submit one final document that each of my team(s) makes, and I'll submit the teacher post-survey to UAH to help DETECTS stay funded.
2. If I don't submit final documents/teacher post-survey, I understand that the DETECTS online resources will still be available to me, but I may be unable to receive equipment in the future.



Equipment Request Form

Start the program whenever you'd like

Use the student notebook link on the [CANVAS PAGE](#) to find what videos your students must watch for each lesson and their assignments for those lessons. We also provide a short teacher video for each lesson, describing what the students will be doing.

[TEACHER VIDEOS](#)

[STUDENT VIDEOS](#)

Most student and teacher videos are under 10 minutes long.

Hold regular check-ins with your teams as noted in the schedule

The DETECTS [schedule](#) has Team Progress Reports (TPRs) scheduled every few lessons. During these check-ins, each team should meet with their teacher and show what they've accomplished so far.

- **In lesson 5, make sure your students submit a Pre-Flight Checklist before the launch(es)**

For each HAB that you launch, we require exactly one [Pre-Flight Checklist form](#) submission at least 3 days before the launch (4 days if you launch in Washington D.C. and Charleston, SC).



Pre-Flight
Checklist Form

- **After the launch, submit your students' launch conditions sheet(s)**

After your class(es) launch their HAB(s), please make sure a picture of the completed launch 2 conditions sheet (in the balloon launch guide) is submitted to us. Please only submit **one sheet** for each launch event, even if multiple balloons were launched at the same time. This helps us gather audience numbers correctly without duplications. After this sheet is submitted, we'll post their HAB's plots under the "DETECTS Flights" tab. Submit Launch Condition Sheets [HERE](#).



Launch Conditions
Submission Form

- **At the end of the program submit a copy of each of your teams' Flight Video Log and/or their Poster Session**

Please submit (or have your teams submit) one FVL or poster session for each team. If submitting the poster session, please submit a picture of each team's poster, and pictures of the teams at the poster session. The FVL should be a fun video showing what the team did throughout the project. For the Poster Session, each team should set up a poster and talk to an audience about what they did in DETECTS. Minimum content required for the FVL and poster itself are listed in the Lesson 2 videos and in the notebook.



FVL Submission
Form

[FVL SUBMISSION](#)

[POSTER SESSION SUBMISSION](#)



Poster Session
Submission Form

- **Submit any pictures you have from the project (Optional)**

All pictures of the balloon launch, students having fun, students working on the project, etc. are appreciated. We need these pictures to show to MDA, who funds DETECTS. These pictures help us stay funded so that we can send you free equipment, continue improving the project, and provide help when you need it. Please submit any extra pictures you have [HERE](#).



Picture Upload
Form

- **Provide final numbers and feedback about the project for us**

You have to submit a few numbers that we need for our reporting. At the front of [this form](#) is also a feedback survey. We need your feedback in order to know what issues to fix. You as a teacher have the closest look at what the project looks like in a classroom, so we really value your suggestions/criticism.



Final Numbers and
Feedback Form