



# Educational Support Project

## Planetarium Short Film Series: Explorations

GLOBE Observer App: <https://observer.globe.gov/do-globe-observer>

*Free science app on download on smartphones*

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Fiske Planetarium has partnered with the GLOBE Project. We need your help!

We are producing a FREE international film for planetariums about active citizen science projects and how anyone can participate directly in NASA scientific research.

Fiske serves tens of thousands of students every year. We are also dramatically impacted by the CoVid19 social distancing and shutdowns and have been trying to be as productive and engaging as possible.

We are also parents with kids in school, and we understand what you are going through. We are looking at how we can help our local schools, teachers, families, and students with this difficult time.

***So let's do a fun science project together!***

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Our [Explorations](#) series showcases NASA funded projects and the people who make them happen. In this episode, we will be highlighting the cloud images that you can take with your smartphones and how they help space satellites interpret and predict the weather. You can help scientists through your phones!

We need short videos, less than a minute, of you using the Globe Observer App: Clouds. The [app](#) is easy to use, and there are [tutorials](#) on how to make cloud observations. [Send us your videos](#) of your participation, and we will include some of these videos in our planetarium film. This film is designed for all ages -- so have fun and be creative!

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# FUN SCIENCE PROJECT: GLOBE Observer - Clouds

## Instructions

- Take photos of beautiful or interesting clouds using GLOBE Observer App!
- Fill out identification data and submit your science to NASA
- Record a video of you using the app
- [Send us your video here](#) by **May 31** (Note: submission of a video does not guarantee its use.)

*The GLOBE Clouds Team at NASA Langley Research Center has been collecting citizen scientist observations of clouds for twenty years. These observations help researchers understand the data being collected by satellites observing our atmosphere, and, in particular clouds. Certain cloud types, like thin wispy cirrus, are sometimes hard to detect by certain satellites. Also, certain conditions like clouds in a snow-filled area make it hard for satellites to distinguish what is a cloud and what is snow. Our eyes are great detectors and can give researchers some very important information.*

*GLOBE Observer cloud observations submitted are matched with satellites overhead of the observer taking measurements at about the same time. While observations are useful at any time, your reports can help verify satellite measurements if taken during a satellite overpass. Select Check Satellite Flyovers from the home screen to determine these times and to set notifications reminding you 15 minutes before the satellite passes over and to customize your notifications, e.g., days of the week, time, and satellites.*