



# **ASTROPHOTOS - LUNAR PHOTOGRAPHY**

**Experiment using smartphones and  
telescopes for astrophotography.**

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Experiment using smartphones and telescopes for astrophotography.

Can smartphones, with and without additional instruments, be used for actual scientific investigations? Let's find out!

You'll need a telescope for this protocol. If you don't have one, the Library Telescope Program, run by the Astronomical League, lets you borrow a 4.5-inch Orion Starblaster telescope for up to two weeks to pursue your interests. For more information, visit the Astrophotos page on [scistarter.org/darksky](http://scistarter.org/darksky).



## MATERIALS NEEDED

Smartphone with camera, Computer or smartphone with internet access, Telescope, Aneccdata app. Optional: Camera adapter

## STEP 1

Go to [scistarter.org/darksky](http://scistarter.org/darksky) and sign up for an account, or log in to your existing account. A SciStarter account helps you track your contributions and find relevant projects to participate in.

## STEP 2

Click the "Astrophotos" icon at [scistarter.org/darksky](http://scistarter.org/darksky) and follow the instructions to download the Aneccdata app and watch a brief video about the project. Tip: To earn credit on SciStarter for your participation in this project, create your account on Aneccdata using the same email address you used to create your SciStarter account.

## STEP 3

Take a photograph of some astronomical object and click "+ Add Observation" in the App or on the project website. Then fill out the data entry form and upload your image. Your image together with the information you have entered will then be uploaded and geotagged on a world map. You can access this map and image archive of all pictures taken to see what other members are doing, and use this information to improve your efforts! To incorporate the telescope portion into this project, please contact Don Ficken, below, for more instructions.

## QUESTIONS?

Please visit [scistarter.org/darksky-faq](http://scistarter.org/darksky-faq).

## LOOKING FOR MORE?

Head over to [scistarter.org/darksky-faq](http://scistarter.org/darksky-faq).

**PROJECT MATERIALS: SMARTPHONE WITH CAMERA, COMPUTER OR  
SMARTPHONE WITH INTERNET ACCESS, TELESCOPE, ANECDATA APP.  
OPTIONAL: CAMERA ADAPTER**



**PROJECT MATERIALS: SMARTPHONE WITH CAMERA, COMPUTER OR SMARTPHONE WITH INTERNET ACCESS, ANECDATA APP. OPTIONAL: CLIP-ON LENS KIT**

