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Follow this link to the page where you can perform a full keyword search on all 700 problems to find the one that exactly suits your needs for a specific science and math topic!

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Math problems sorted by space science topic

Here you will find hundreds of math problems related to all of the major astronomical objects from asteroids and planets to galaxies and black holes! Click on the topic below to see which problems are available.

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Math problems sorted by grade level

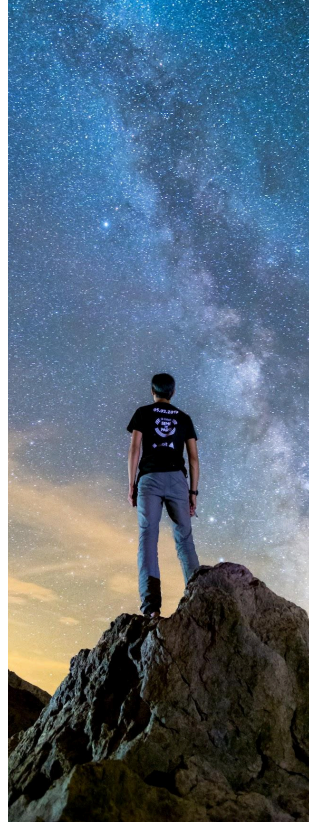
If you are a teacher or just someone who enjoys mathematics challenges, these problems cover space science topics but are sorted more-or-less by the kinds of mathematics you will encounter from simple counting and fractions problems through calculus. Click on the grade bands below to see the collections of problems.

[Grades 3-5](#) | [Grades 6-7](#) | [Algebra 1](#) | [Algebra 2](#) | [Geometry](#) | [Calculus](#)

Math problems sorted by NASA Mission

If you are looking for math problems specific to a particular mission's investigations, here you will find problems organized by NASA mission name. Click on the mission or program name in the grid below to go to the associated problem listing.

[ACE](#) | [Cassini](#) | [Chandra](#) | [Dawn](#) | [Deep Impact](#) | [Fermi](#) | [GALEX](#) | [Grail](#) | [Hinode](#) | [Gravity Probe-B](#) | [Hubble](#) | [IBEX](#) | [IMAGE](#) | [InSight](#) | [Juno](#) | [Kepler](#) | [LADEE](#) | [Landsat](#) | [Lunar Orbiter](#) | [LRO](#) | [Manned Space Program](#) | [MMS](#) | [Curiosity](#) | [Mars Rovers](#) | [MESSENGER](#) | [NEAR](#) | [New Horizons](#) | [RHESSI](#) | [SAGE-III](#) | [SCOOL](#) | [SOHO](#) | [SDO](#) | [Solar Probe Plus](#) | [Spitzer](#) | [STEREO](#) | [Terra](#) | [THEMIS](#) | [TRACE](#) | [Van Allen Belts Probe](#) | [Webb Space Telescope](#) | [WISE](#) | [WMAP](#) | [XMM](#) |



Space Math @ NASA Problem Books



These are short exploration projects that nurture your own journey of discovery. Developed by the STEAM Innovation Laboratory, they are available through the Anecdota app, which you can download from your app store.

Go to your app store and install 'Anecdota'. After you register as a participant, you can scroll through over 300 projects and 'join' projects looking for participants. The ones developed by the STEAM Lab are listed and described below. Over 1,600 participants have collected 10,000 measurements using their smartphones to detect sound, light, magnetic fields and to take pictures of satellites streaking across the sky and odd forms of life on earth!

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[Math by NASA Mission](#)

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