

Bringing Astronomy to the students and teachers using “AppStronomy”



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List of some android applications:

We can use these applications at home. Student and teachers can keep doing their experimentation during pandemic.



Arduino Science Journal



Indian Sky map



Phet Simulations



phyphox



SkySafari



Stellarium

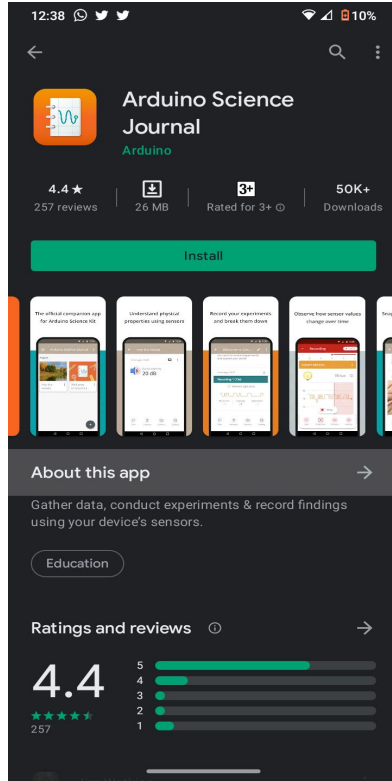


ZSD



Arduino Science Journal

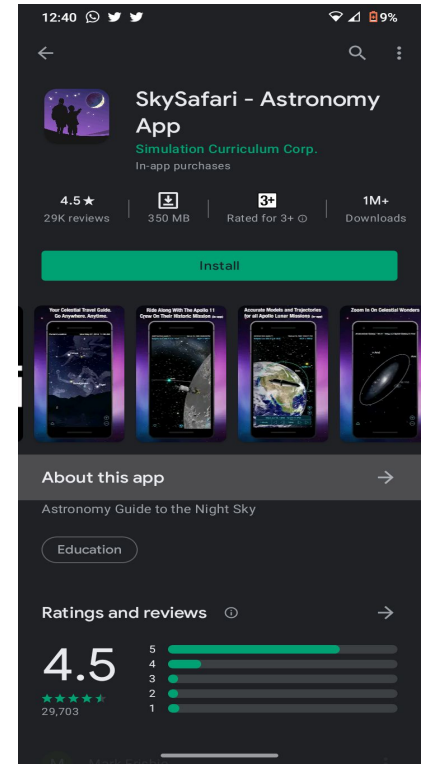
The Arduino Science Journal (formerly Science Journal, an initiative by Google) is free and open-source, and allows you to gather data about the world around you by harnessing the sensors in your smartphone as well as sensors connected to Arduino, or other third party hardware. The Science Journal transforms smartphones, tablets, and Chromebooks into science notebooks that encourage students to explore their world.



SkySafari

SkySafari is a powerful planetarium that fits in your pocket, puts the universe at your fingertips, and is incredibly easy to use!

Simply hold your device to the sky and quickly locate planets, constellations, satellites, and millions of stars and deep sky objects. Packed with interactive information and rich graphics, discover why SkySafari is your perfect stargazing companion under the night sky.



phyphox

phyphox gives you access to the sensors of your phone either directly or through ready-to-play experiments which analyze your data and let you export raw data along with the results for further analysis. You can even define your own experiments on phyphox.org and share them with colleagues, students and friends.

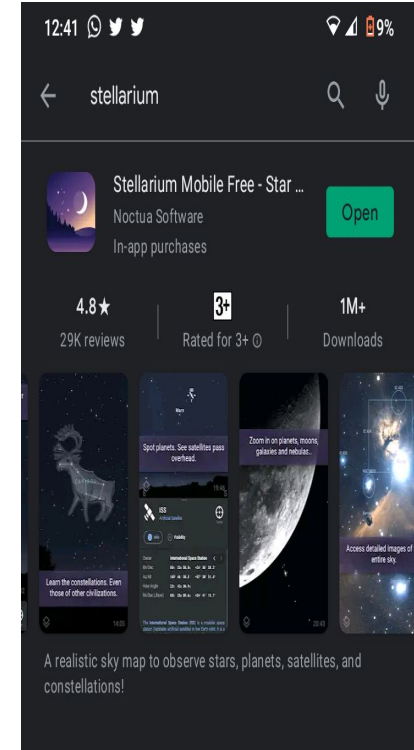


Stellarium

Stellarium Mobile FREE - Star Map is a planetarium app that shows exactly what you see when you look up at the stars.

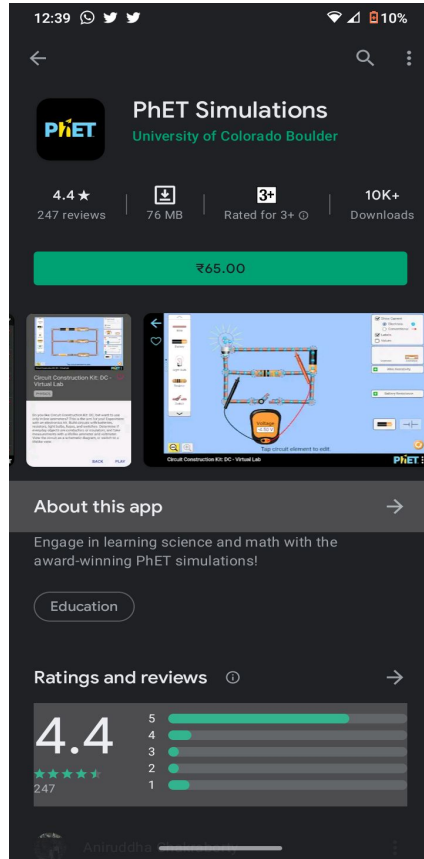
Identify stars, constellations, planets, comets, satellites (such as the ISS), and other deep sky objects in real time in the sky above you in just a few seconds, just by pointing the phone at the sky!

This award-winning astronomy application has an easy to use and minimalist user interface, that makes it one of the best astronomical applications for adults and children who want to explore the night sky.



PhET Simulations

Whether understanding atoms, exploring energy, or mastering multiplication, there is a sim for every learner. Perfect for at home, in class, or on the road, this app delivers all the award-winning PhET HTML5 sims (over 85 sims) in one easy-to-use package.



Indian Sky map

Indian Sky map shows you the map of the sky in Indian Locale along with all the nakshatras, their boundaries and rashis. It is your own virtual planetarium. Ideal for amateur Astronomy.

It has all the Surya and Chandra along with the planets Budh, Shukra, Mangal, Brihaspati, Shani and also Rahu and Ketu.

Watch Dhruva tara, Saptarishi, Mesh, Dhanu, Vrishabha, Kark, Ashadha, Jyeshta, Kritika among all the other objects.

