

Earth and Space for Windows* 8.1 Solutions Brief



Solutions Brief
[Intel® Developer Zone](#)



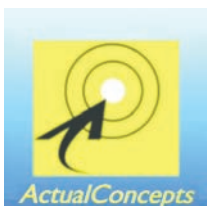
Enabled by Intel® Atom™ Tablets for Windows* 8.1

As students become more sophisticated learners, educators are looking to improve the classroom experience by incorporating technology into their instruction. Educational applications with interactive lessons and high-quality graphics are excellent tools for supplementing classroom instruction.

The new Earth and Space app, featured on Intel® Atom™ tablets for Windows* 8.1, teaches space science in an engaging way. Students learn while actively manipulating items on the screen.

Earth and Space features:

- Promotes the idea of “learning while doing” with touch-activated, real time lessons and simulations.
- Brings abstract and complex concepts to life with high-quality, manipulative graphics and simulations.
- Helps students develop a deeper understanding of space science through the use of an interactive lab.



Unlock the Mysteries of Space with the Earth and Space App

The Earth and Space app makes learning about the universe a fun and interactive experience. Thanks to the high-resolution screen and interactive touch capabilities of Windows* 8.1 tablets, students can use this app to gain a deeper understanding of space science.

Earth and Space offers a variety of engaging ways for students to learn:

Real-time Simulations

Use the touch capabilities on the Windows* 8.1 tablet to create real-time simulations of planet and moon rotation.

3D-like Graphics

Get a deeper understanding of heavenly bodies with exceptional 3D-like graphics. View the Earth-Sun-Moon system at any angle!

Maneuverable Planets

Learn the order of the planets within our solar system by moving them on the screen. Get the order right, and they begin to rotate.

Rotating Moon

Rotate the moon around the earth to learn about the moon's phases. Learn how to predict the next phase.

Rotating Earth

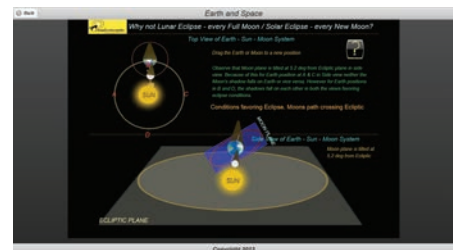
Find out why the earth has seasons or why it has night and day with rotation simulations. Watch the earth rotate around its axis and around the sun.

Solar and Lunar Eclipses

Touch the moon or the sun to simulate an eclipse. Learn why an eclipse will look different based on various locations on Earth.

Ocean Tides

Control the tides by moving the moon on the screen. Use real-time simulation to watch how the tides change with the position of the moon.





Earth and Space Powered by Intel

Intel® Atom™ tablets for Windows* 8.1 can now be powerful teaching tools with the Earth and Space app by ActualConcepts. The Intel® Atom processor, full HD high-resolution display and interactive touch capabilities make new Windows* 8.1 tablets perfect for creating an interactive learning experience in and out of the classroom.



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