

Use any small objects for playing pieces and place them at the START. Flip two coins to move forward 1, 2, or 3 spaces. Follow any instructions on spaces to **MOVE AHEAD or GO AGAIN. If** you land on a shortcut by exact count, follow the short cut spaces on your next turn.





Land cover and land use around the globe are changing faster than ever before. This has sweeping consequences. Managing our land and water resources in a sustainable way is important for life on Earth—and if you want to manage something well, you need to be able to map it well. Landsat collects data at the scale of human interactions with the land and with the frequency necessary to detect, monitor, and understand changes in land use and land cover—allowing us to map a better future. Learn more at https://landsat.gsfc.nasa.gov and https://landsat.usgs.gov.

The Thermal Infrared Sensor (TIRS) collects data in the thermal region of the electromagnetic

Landsat data, used in combination with today's advanced geographic information systems, image processing software, and cloud computing, enable individual users to process as many scenes as needed for land analysis. Users of Landsat data can easily see changes in land-cover or land-use conditions across an entire State or region. Landsat imagery is used in natural resource management, agriculture, disaster management, industry, forestry, human health, climate, energy, urban growth, and ecosystems and biodiversity.



AmericaView (www.americaview.org) is a group of scientists, researchers, educators, and students that, with funding from the U.S. Geological Survey Land Remote Sensing Program, use remote sensing data and technology to study phenomena on the surface of the Earth and share knowledge and information to help people better understand the world they live in.



AmericaView Earth Observation Day (EOD) (http://bit.ly/avearthod) is an education and outreach event that celebrates remote sensing and Earth science. EOD events are held across the United States and involve educational activities such as demonstrations of remote sensing technology, lectures and discussions, student projects, and mapathons.