

# WELCOME TO WORLD SPACE WEEK!

World Space Week, October 4-10, 2013, celebrates the incredible accomplishments made in space exploration and its future possibilities. We invite you to kick off the celebration when the space thriller, **Gravity**, opens in theatres on October 4. Starring Academy Award® winners George Clooney and Sandra Bullock and directed by Oscar® nominee Alfonso Cuarón, **Gravity** offers heart-pounding adventure along with an awe-inspiring view of the vast beauty — and gripping challenges — of space.

## CELEBRATE YOUR WAY

World Space Week is a chance to discover the beauty of the universe and the excitement of space. Here are some ideas for enjoying the week with your friends and family. You can also check out the list of global World Space Week events and select one to participate in on a local level at [worldspaceweek.org](http://worldspaceweek.org).

## FRIDAY, 10/4

**Friday Night Lights:** The Hubble Telescope, launched in 1990, enables NASA scientists to see farther and deeper into space than ever before. It has helped shed light on many of the great mysteries of the cosmos, such as the age of the universe and the existence of dark energy. Tune in at [www.hubblesite.org](http://www.hubblesite.org).

## SATURDAY, 10/5

**Movie Marathon!** After you've seen **Gravity**, gather friends and family to revisit famed space flicks from the past, like *2001: A Space Odyssey*, *The Right Stuff*, *Apollo 13*, and the silent classic, *Mellie's A Trip to the Moon*. See for yourself how imagination has kept pace with reality as space has become steadily more vital to our life on Earth.

(L-R) SANDRA BULLOCK as Ryan Stone and GEORGE CLOONEY as Matt Kowalski in Warner Bros. Pictures' dramatic thriller "GRAVITY," a Warner Bros. Pictures release.  
Photo courtesy of Warner Bros. Pictures

## SUNDAY, 10/6

**Space Station Sunday:** The International Space Station is the largest artificial body in Earth's orbit, large enough to see from your backyard when it passes by on a clear night! A joint project among the U.S., Russia, Japan, Europe, and China, it now serves as a research laboratory to conduct experiments and test equipment designed for Mars missions. Learn more at [www.spacestationlive.nasa.gov](http://www.spacestationlive.nasa.gov). Be sure to check its orbit calendar at [www.spotthestation.nasa.gov](http://www.spotthestation.nasa.gov) and schedule a night to watch for it in the sky above you!

## MONDAY, 10/7

**Career Fair:** Have you ever wondered what it would be like to experience zero gravity, or to walk on another planet? Or perhaps you just love to investigate or build things. Space exploration requires the collaboration of hundreds of scientists, engineers, pilots, researchers, and other personnel, creating dozens of career paths and professional opportunities. Learn more at [www.spacex.com](http://www.spacex.com) or [www.nasajobs.nasa.gov](http://www.nasajobs.nasa.gov), or look at some non-science options as predicted by *Wired* magazine: [www.wired.com/geekdad/2010/04/10-space-jobs-from-the-near-future](http://www.wired.com/geekdad/2010/04/10-space-jobs-from-the-near-future).

## TUESDAY, 10/8

**Technology Tuesday:** In the decades since the first satellite launched in 1957, space technology has given us all manner of life-enhancing products, from memory foam and water filters, to solar panels and lasers used in bypass heart surgery, Teflon, eyeglass lenses, artificial limbs, baby food, and sneaker insoles. . . the list goes on and on! As you go about your day today, take note of all the tools you use that are based on technology developed for space — you can even gather friends and family for a scavenger hunt! Then, see if you can come up with a few new ideas.

## WEDNESDAY, 10/9

**Women in Space Wednesday:** In 1963, cosmonaut Valentina Tereshkova became the first woman in space. Over the 50 years since then, many boundaries have been broken and women have made great achievements as scientists, engineers, pilots, and commanders. One NASA mission even had an all-women crew, and the 2013 class of NASA trainees is 50 percent women. Learn more about the achievements by women in space at [www.space.com](http://www.space.com) or <http://history.nasa.gov/women.html>.

## THURSDAY, 10/10

**World Mission:** The United States and Russia are no longer alone in their race to explore the universe — Europe, China, Japan, and India are all involved in space exploration. In fact, the International Space Station has hosted crew members from 15 different countries. Find out what the rest of the world has planned for future missions by visiting these websites:

- European Space Agency: [www.ESA.int](http://www.ESA.int)
- Japanese Aerospace Exploration Agency: [www.Jaxa.jp](http://www.Jaxa.jp)
- Indian Space Research Organisation: [www.isro.org](http://www.isro.org)
- Asia-Pacific Space Coordination Organization: [www.apsco.int](http://www.apsco.int)
- Canadian Space Agency: [www.asc-csa.gc.ca/](http://www.asc-csa.gc.ca/)



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EXPERIENCE THE CHALLENGES OF SPACE WHEN **GRAVITY**  
OPENS AT THEATRES ON OCTOBER 4, 2013.