

***World Space Congress
Education Web Cast/Chat Events***

DLO Kids Space Update: The Wright Flyer

The Wright Experience

Tuesday, October 15, 10am Central

Explore the creativity and insight of those two famous bicycle makers, the Wright Brothers, as they return from the past to share the passion and excitement of being the first to "Fly the Dream". Experience with them their ability to solve problems and see what they think of the world of aeronautics today! <http://www.centennialofflight.gov>

DLO Kids Space Update: FIRST LEGO League

FIRST LEGO League

Tuesday, October 15, 12n Central

Experience the thrill of creating your own robot and competing with other student and their bots! Discover the link between robotics and the importance of engineering and science in the space program. The Distance Learning Outpost will talk with experts and student competitors about the FIRST LEGO League Robotics Competition. Students will build a robot during the program and questions will be answered "Live"! Find out more about the FIRST LEGO League December 7th competition in Houston, Texas. For more information visit <http://www.usfirst.org/jrobtcs/flgo.htm>

DLO Kids Space Update: The GLOBE Program

Kids Space Update takes a look at the Globe Program

Wednesday, October 16, 10am Central

Be a Scientist for a day! Students and teachers from across the United States will share the excitement of the GLOBE program. Find out how students are learning more about the earth with atmospheric and land based testing as well as how students perform data collection. You'll be able to ask your questions "Live" as students perform hands-on scientific experiments. We'll see just how it's done as we discuss how students from around the world are sharing their scientific results. Join us and learn more about GLOBE! www.globe.gov

DLO Kids Space Update: Space Day Design Challenge

Fly To The Future

Wednesday, October 16, 12n Central

The future of aircraft development and design is pretty exciting! There is research going on right now to develop faster and safer airplanes. NASA has been working on several designs from the Blended Wing Body to the X-38 Lifting Body. But these are just two ideas - your students' challenge is to design their own airplane of the future. Come visit with us during NASA's "Kids Space Update" at the World Space Congress to get an early flight into the wild blue yonder of aeronautical design.

<http://www.spaceday.com/en/designchallenge/starthere.php>

Education Web cast/chats continued:

DLO Kids Space Update: Space Day Design Challenge

Planetary Explorers

Thursday, October 17, 10am Central

The word "air" in airplane is very important. Without air, airplanes could not fly. Mars has a thin atmosphere so an aircraft would need very large wings and be very lightweight. But there's more than one way to fly - your students' challenge is to design an aircraft that could fly on Earth and on another planet. Come visit with us during NASA's "Kids Space Update" at the World Space Congress to get some tips on how to soar on the currents of Mars, Jupiter, or Saturn! <http://www.spaceday.com/en/designchallenge/starthere.php>

DLO Kids Space Update: Aeronautics and X-perimental Aircraft

X-Flights

Thursday, October 17, 12n Central

The toys you played with as a kid can be the tools you work with in your career! Take a look at the range of flying toys that have had a real world connection in the field of aeronautics. Flying toys can guide us through our natural curiosity to later unique and creative solutions in the field of aeronautics! Creative flying toys to experimental aircraft, a look at NASA's innovative solutions as applied to aeronautic research and everyday flying experiences! <http://learningoutpost.jsc.nasa.gov/expeditions/x38.html>

DLO Kids Space Update:

"LIVE" at the World Space Congress

Friday, October 18, 10am Central

Experience The World Space Congress! This once in every ten year event brings together from across the globe the best and brightest in the fields of Aerospace and Aeronautics. Come visit with us to learn about the history and the future of space exploration by learning more about the visionary organizations involved in the WSC. See the sights, visit with experts, and learn!

<http://www.aiaa.org/wsc2002/about.cfm>

DLO Kids Space Update: Space Day Design Challenge

Watt Power

Friday, October 18, 12n Central

We are a world powered by non-renewable fuel. Airplanes, helicopter, and jets all use gasoline to create energy to move. However some machines use renewable energy. NASA is on the forefront of developing alternative propulsion systems for deep space travel. Solar sails can use the force of sunlight to propel a sail in space! But that's just one type of propulsion - your students' challenge is to design an aircraft that can use a renewable energy source to fly. Come visit with us during NASA's "Kids Space Update" at the World Space Congress to sail away with aeronautical designs that one day may fly into space! <http://www.spaceday.com/en/designchallenge/starthere.php>