

**WORKSHOPS & ACTIVITIES FOR WHICH REGISTRATION REQUIRED**  
**WORKSHOPS CAN ACCOMMODATE 30 PEOPLE**

- ? **Create Hot Air Balloon: 9:00 – 10:00 (Ages 5-6)** CAD  
Create a 3-D hot air balloon picture – complete with colorful decorations and fluffy white clouds. Activity will lock in with the hot air balloon the children will visit in the atrium.
- ? **Create a Planet Saturn: 10:00 – 11:00 (Ages 7-10) & (Ages 11 – 15)**Atrium Booth  
Using a CD, Styrofoam ball, glitter, paper clips, glue, string. Planet can be hung in child’s room. Children will also learn about the planets at this workshop.
- ? **Become a Weather Wizard: 10:00 – 11:00 (Ages 15 – 18)** Atrium  
Learn about symbols on a weather map and how to use them by creating a chart on a map of the North America.
- ? **Solar System Poster: 12:45 – 1:45 (Ages 7-10)** Atrium  
Learn about the planets while constructing a 24” x 4”. Planets will be in order from the sun.
- ? **Team Flight Plan Competition: 12:45 – 1:45 (Ages 11 & Up)** Atrium  
Team works with pilots to compete for the best flight time. Learn the International Phonetic Alphabet, ATC Terminology, and how to read a flight chart. See which team can arrive at their destination first.
- ? **Cool Down Package: 2:15 – 3:15 (Ages 5 – 6)** CAD  
Create an Airplane Bookmark, watch videos on aviation, aviation games
- ? **Build and Fly Paper Air Planes 1:00 – 1:45, 2:15 – 3:00(Ages 7 and Up)** CAD  
Learn about aerodynamic principles by creating and flying your own aircraft through a hoop. Compete for design, airworthiness, etc.
- ? **Computer Graphics: 1:00 – 1:45 (Ages 15 – 18)** Atrium IT Room  
Use of graphics in the computer arena. Web development will also be part of this workshop as well a web security issues.
- ? **Create a “Wind-Sock: 2:15 – 3:15(Ages 7-10)** Atrium  
Using Styrofoam cup, pencil, clip, and modeling clay. Learn about wind direction and the “compass rose”. Test your wind sock beside the “runway”.  
**Build a Fuji Rocket :** (Secondary Activity)  
Using film canisters, fizzing tablet, water, and paper. See the rocket “lift-off”.

? **Aerospace Trivia Game: 2:15 – 3:15** (*Ages 16 - 18*) Atrium

Questions & answers related to aviation & aerospace and aviation careers. Advance to marks on floor for every correct answer. 2 –3 activities will be required (make & fly a/c, blow up balloon and let go). If you miss you go back 2 spaces. If you succeed you go ahead 1 space.

**Information (Questions) will be provided in advance to all who register for this event. Instructions on how to build plane will be included.**

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