Welcome to Girl Day!
2015
Bunny Copter
Meet your activity hosts...

American Society of Heating, Refrigerating, and Air-Conditioning Engineers
Engineering Design Process

1. Identify Problem
2. Brainstorm
3. Plan
4. Build
5. Test
6. Redesign
7. Share

Girl Day 2015

Cockrell School
Women in Engineering Program
Bunny Copter

Engineers make things GO!

Create a paper helicopter that flies through the air!
Ready, Set, Fly!

Introduce a Girl to Engineering Day™

Girl Day
2015

The University of Texas at Austin
Women in Engineering Program
Redesign time!

- Can you build a better bunny copter?
- Design a better bunny copter so that it spins faster!
Be an Engineer!

- How can you make your design faster?
- How can you use less materials?
- Where do you find designs like these in your community or in our world?
Real World Engineering:

Plane, Train & Car Engineers

- Design faster cars
- Engineer faster, safer trains and monorails
- Create better airplanes
Real World Engineering:

**Space Engineers**

- Engineer satellites to study hurricanes, typhoons, and other weather conditions
- Study the effect of weightlessness (zero gravity) on the body and on materials
Meet the Engineer!

**Name:** Monica Mohtasham

**Field of Work:** Aviation / Project Management Manager of Military Engines Division

**About Her:** Supports test cell installations all over the world.

**Cool Facts:** After high school, I joined the United States Navy and became a radar technician working on P-3 aircraft located in Oahu, Hawaii.
Parents:

What Should You Be Doing?

- Help your child read and understand the instructions
- Assist without doing!
- Praise her accomplishments

Ask questions:
- Why does that work?
- What is that going to do?
- How is that going to work?
Watch Cyberchase on KLRU-TV, your local PBS Kids station, or online at www.PBSkids.org/cyberchase to learn more! Busca Cyberchase en español en

Play lots of math and engineering games online at www.PBSkids.org/cyberchase/math-games

Download Cyberchase Shape Quest and 3D Builder for more math fun on the go!
Please help WEP keep Girl Day free for the community!

- Consider a tax-deductible contribution to the Women in Engineering Program (WEP) at UT Austin.
- WEP receives zero funds from the University to host Girl Day activities. Your support allows WEP to continue this important outreach program.

Download a free QR reader on your phone and scan here to donate!
Thanks to our Girl Day Partners!

Lead Partner:

HALLIBURTON