Icebreaker Mingle

Find TWO people you do not know and share the following:

- Name
- Where you are from
- Your favorite icebreaker activity, game, etc
Girlstart is one of the few community-based informal STEM education nonprofits in the nation specially dedicated to empowering & equipping girls in science, technology, engineering & math (STEM)
What we do...

After School & After School ‘to Go’
42 Clubs
11 Districts
1000+ Girls/week

Summer Camp & Summer Camp ‘to Go’
22 Camps
586 Girls
37% Scholarships

Girls In STEM Conf
576 Registered Girls
28 Hands-on Workshops by Female STEM professionals
150 Volunteers

Community STEM
9500+ Kids
Saturday Workshops
STEM Extravaganzas
Community Booths
STEM Studio & Mini Planetarium
To change how millions of girls (ages 8-13) think about STEM
Our Approach

- On TV
  – national PBS Kids series

- Online (pbskidsgo.org/scigirls)
  – safe, social networking website

- On the Ground (scigirlsconnect.org)
  – activities and professional development
Agree to Disagree

As we read out the statements...

⏰ Raise your hands if you agree

⏰ Leave your hands on the table if you disagree

⏰ You don’t have to completely agree or disagree
Icebreakers Encourage...

- Teamwork
- Community
- Creativity
- Public Speaking
- Confidence
- Enthusiasm & Fun
- Learning something new

www.girlstart.org
Key Tips...

- 10-30 minutes
- Incorporate at any point
- Be prepared & enthusiastic
- Clearly deliver instructions
- Wrap up
- Have FUN!

Visit girlstart.org for more resources.

Photo credit: Nati/NSF
Design Process Icebreaker

Using 5 index cards and scissors, create the tallest tower.
Using only 1 balloon, 1 ft of tape, and several of the items available (i.e. rubber bands, binder clips, paperclips, weights), design a balloon that will bounce the greatest number of times. The balloon can only be dropped, not forced downward.
Enthusiasm Icebreaker

Goal...Get an EGG to drop into a glass of water!

Materials:

- Egg
- Metal Pie Pan
- Toilet Paper Roll
- Glass of Water
- Paper Towels (for clean up)
Using only 1 piece of paper, scissors and 5 paper clips, design an object that can move at least 2 feet. You can only move the object by blowing air through a straw.
Where to find more...

Click on

www.girlstart.org

Weekly STEM Hands-On
Wednesday Blog
Where to find more...

www.deSTEMber.org
Additional Resources

- Girlstart ‘For Educators’:  [www.girlstart.org](http://www.girlstart.org)
- Texas Girls Collaborative Project:  [www.txgcp.org](http://www.txgcp.org)
- Engineer Your Life:  [http://www.engineeryourlife.org/](http://www.engineeryourlife.org/)
- Engineering, Go For It:  [http://egfi-k12.org/](http://egfi-k12.org/)
- Design Squad:  [http://pbskids.org/designsquadd/](http://pbskids.org/designsquadd/)
- Dot Diva:  [http://dotdiva.org](http://dotdiva.org)
- How to Smile:  [http://howtosmile.org](http://howtosmile.org)
- NCWIT:  [http://www.ncwit.org](http://www.ncwit.org)