

# LEGO® Engineering Symposium



**- for MINDSTORMS Education**  
Monday, June 1st - Tuesday, June 2nd 2009



## LEGO Engineering for Girls: Building a diverse learning environment with LEGO Robotics

### Insights to Keep in Mind and things to check for when designing diverse learning environment and learning processes.

The insights and check items capture lessons learned during the two symposium days. They can be used as beacons of light to ensure we make wise decision, when designing and implementing LEGO Engineering learning activities. They represent in what spirit and direction of choices.

#### Keep in Mind:

- Teaching gender differences is not teaching unequal
- What is good for girls tends to be good for boys too
- Actively reaching out pulls more in
- It is a "full package" that makes the difference
- Be confident that students' learning and thinking IS happening
- Complexity is not always equal to "better"
- We learn from everyone and experienced learners even learn from "newbies"

#### Check for this:

- Are the pieces coming together?
- Are you encouraging reflections?
- Have you considered the wording and framing
- Have you designed an appropriate confidence building progression?
- Are students allowed to set their own goals
- Is it fun for you?
- Are you keeping an open mind when considering what you think is "simple"?

