1. INTRODUCTION
- Motivate the activity
- Connect the importance to our everyday lives
- Plan out your lesson goal and objective

2. MATERIALS & SUPPLIES
- Supplies for activity
- Student worksheets
- Any required safety material

3. PROCEDURE
- List any specified protocols for the activity
- Let students plan, design and carry out their procedures
- Optional: Allow students to redesign their plan

4. CONCLUSION
- Summarize activity
- Connect activity to students’ personal lives and the lives around them

5. ONLINE RESOURCES
- http://www.engineeryourlife.org/
- http://egfi-k12.org/ (activities by grade level)
- http://www.howtosmile.org/ (activities by topic)
- http://egfi-k12.org/ (hands-on activities & videos)
- http://pbskids.org/scigirls/ (hands-on activities for girls)