# Engineering Expo 2017 Community Scavenger Hunt

In this scavenger hunt you will be asked to find the answers to the following questions. If you can find the answer to all fifteen questions, then a prize will be given. If you can answer all of the questions and be one of the first 10 to answer the bonus question then a bonus prize will be given in addition to the first prize. All answers can be found using the Engineering Expo Map and your own observation skills. Remember the most important thing though is to have fun and check out all the exhibits not just the ones mentioned in the scavenger hunt.

1. What is the Theme of Engineering Expo 2017?
2. Name two materials you can 3D print with in the X-Labs Show?
3. What materials are used in the Bell Creek Academy Exhibit to make the floating disk?
4. What style of car is used in the demonstration seen at the Society of Automotive Engineers Exhibit?
5. Ask AlChe: What is Sublimation?
6. How long does it take to get to Mars from Earth? (Hint: NASA will know!)
7. What kind of resistor must be used with RGB lights at the Women in Computer Science and Engineering exhibit?
8. What is the max velocity the F1 style car built by the Society of Automotive Engineers?
9. What is the equation needed to calculate the force of the bean bag at the ASME (American Society of Mechanical Engineers) exhibit?
10. What are the bones at the USF Geology Club's exhibit composed of?
11. At what temperature does water freeze as shown at the Society of Asian Scientists and Engineers exhibit?
12. What are 2 up and coming technologies relating to robotics at the FIRST Alumni of USF exhibit?
13. How does the Tesla coil work at the Xlabs demonstration?
14. What are the names of the two poles related to magnetism at the iD Tech exhibit?
15. What one of Newton's laws takes places when a parachute is used in the sky at the Douglas L. Jamerson, Jr. Elementary exhibit? (Hint: He had 3 laws!)

Bonus Question: Go to the ISA and attend one of the lectures and receive a stamp saying you attended.