

Meeting October 11, 2016



Next meeting: October 25, 2016

Next meeting is in 2 weeks. There will be no meeting on Oct. 18

The next challenge is entitled "Spooky Engineering". Please bring the following materials to the next meeting:

- A clear jar or bottle (12 to 24 fluid oz) with watertight top/cap. A water bottle or a sauce jar should work well. We'll be making a "spooky lava lamp" so the effect will be best if the label can be removed.

Our first meetup was a bit chaotic but we did manage to complete some good exercises.

For future meetings everyone has responsibilities to help improve organization:

- Everyone should bring their art supply box with them to the meeting
- Bookbags and outerwear should be neatly stowed at the back of the room
- After eating snack it should be cleaned up and any garbage thrown away

Cleanup at the end of meeting then includes:

- Tidying workspace and throwing away trash
- Packing up art box and returning it to homeroom cubby
- Stacking chairs back up on the side of the room

In this week's challenge we split up into teams and encouraged everyone to do independent problem solving.

Starting this week we're trying out having a student appointed "Principal Engineer". The Principal Engineer for the day helps out the parent facilitators with club activities.

We learned a process for problem solving. When we get stuck we:

- Try to solve the problem ourself a different way
- Try to solve the problem ourself another different way
- Ask a teammate/another club member for suggestions
- Ask for help from the student Principal Engineer
- Ask a parent facilitator

And finally, when we complete our challenge we should:

- Help out other students still working on completing their task
- Try to take the current engineering challenge to "the next level"