

student groups

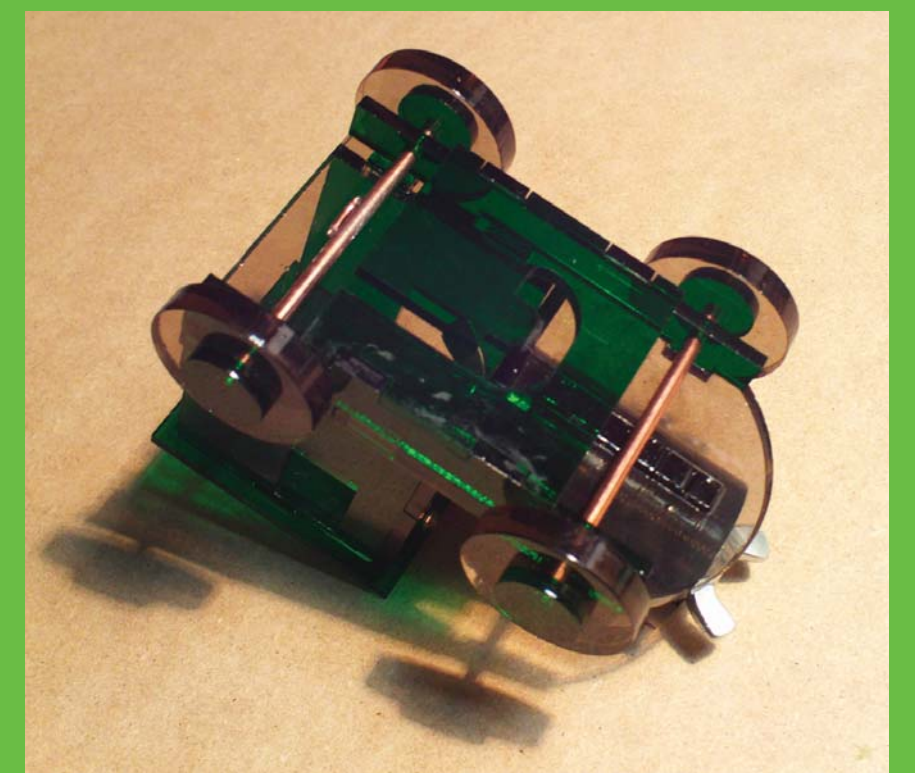
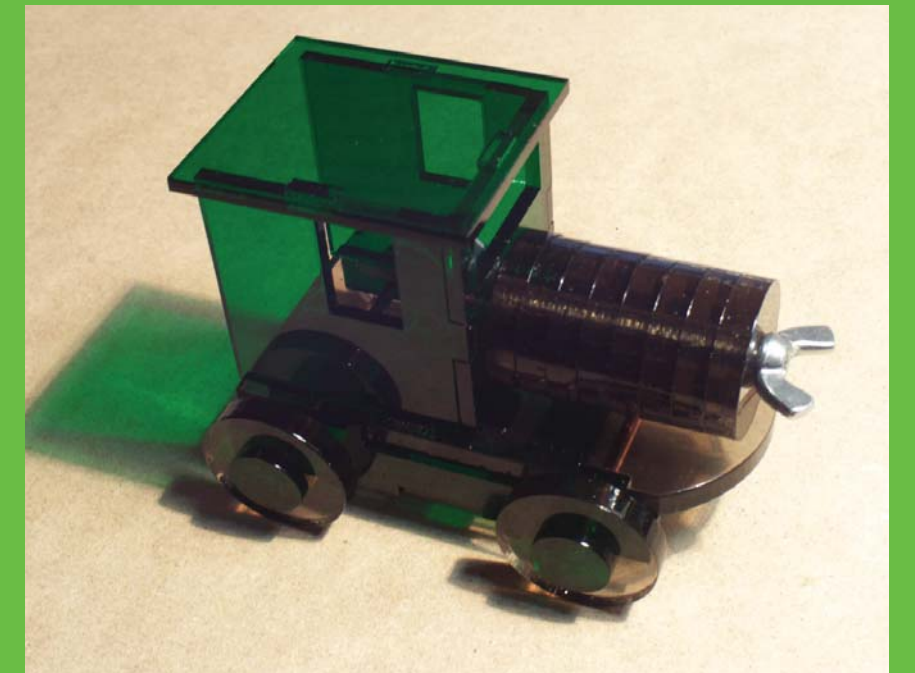
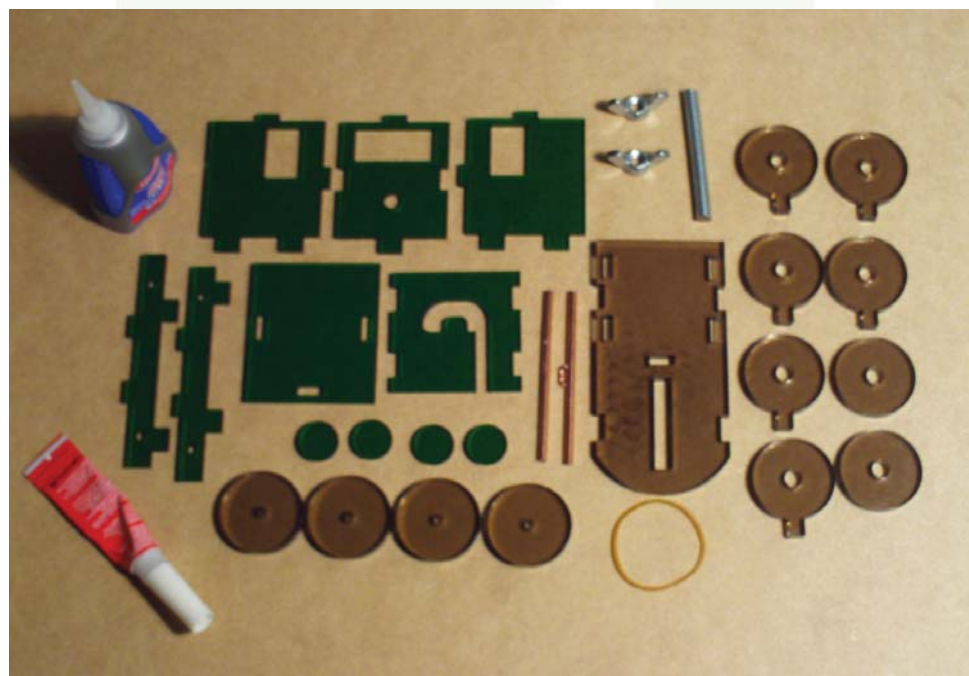
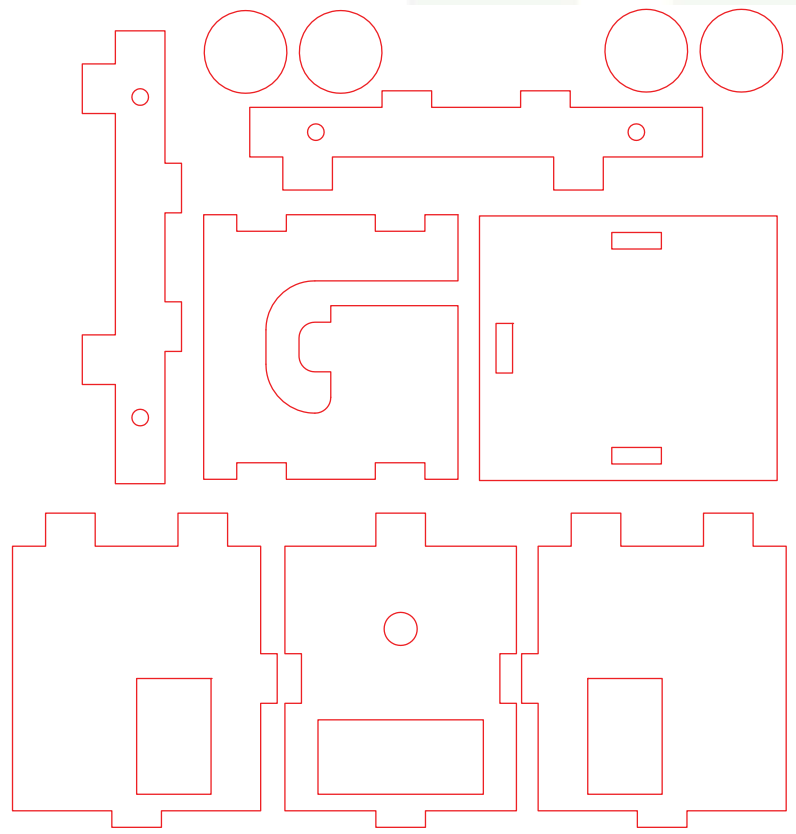
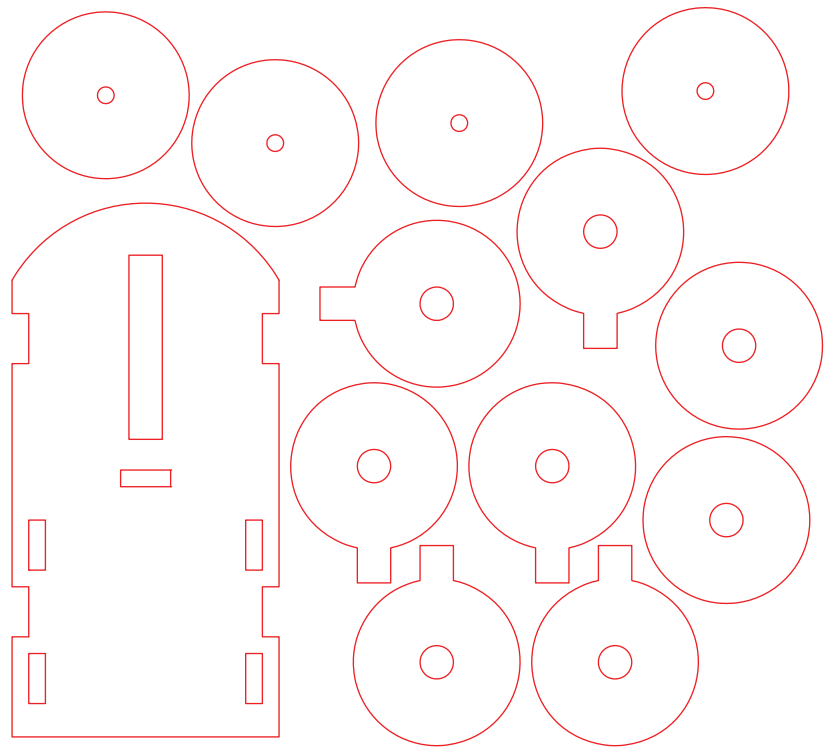


BENCHMARKS FOR SCIENCE LITERACY



A major goal of the Fab Lab is education. With that in mind we have been working on ways to bring students into the lab. Over the course of the semester, we conducted research into education standards and curricula for grades 4 through 8. Those standards were used to decide which projects to pursue. We also went into Chicago schools and surveyed teachers and students to gauge content and interest in projects.

The Project we focused on this semester was designed to fit into the 4th grade science curriculum. The Rubber-Band Train is to be used by students to enforce their knowledge of forces and motion. The students would, as a class, learn how the laser cutter can be used to cut a set of pieces. They would then assemble their trains in the Fab Lab and use them to complete a lab worksheet on the movement of the train.



Future Work

Continue surveying at schools and set up class visits to test projects

Projected Sky Project

Frog Dissection Model Project

Airplane Skeleton Project