Newsletter 10th Week

After halve, we gathered lots of useful and comprehensive feedback from ETC faculties. They pointed out a concern for our completely functional prototype: what can be done further? With this question, we had a meeting early this week. We listed all the new functions that will be accomplished by finals. The new functions include 1) Information of tips, 2) Gallery system and 3) Laser cutter installation. Information of tips will be there enabling kids to know more about Tops, such as interesting stories behind tops, the history of tops, as well as some basic physical principle of tops. Gallery system enables kids to browse their previous design. We came up with the idea of gallery system because we noticed that most current design apps, especially those for the use of school course, can only upload students' products to the server instead of presenting them in the App. While the kids that design the artwork always have a willingness to show their creative design to their parents or friends. Understanding this fact, we are very sure about the necessity of the gallery function. With the suggestion from our client, we also planned to have a laser cutter installed at EFMS. By using this app, Kids are able to design a cardboard box, which can be used as a container of the top.

Besides the new function brainstorm, we also had a deep discussion of competition rule setting. We came up with a basic rule combining the criteria of both art and engineering. For the next week, we will keep polishing the prototype with a goal of transforming it into a professional Application for course use. Moreover, we would also put more time on competition design and testing. After all, the competition will serve as an important standard to evaluate the kids' design.