



Welcome to the Inventor's Club!

The inventors club is designed for students that like to be social and world problem solvers. Inventors club targets students that are working on using their flexible thinking in groups to solve problems. Every inventor listens and gathers information from others in order to perfect their idea. They have to think about their choices/solutions. Some of the world's smartest inventors have used their flexible thinking in order to invent solutions.

Remember every invention started out as a problem!

Materials:

- YouTube Clip
- Recyclables
- Problems
- Flexible Thinking

Instructions:

1. Have students watch the following YouTube clip.
<https://www.youtube.com/watch?v=D9I35Rqo04E>
2. Generate a list of qualities that "smart/ successful" inventors have → link with flexible thinking
3. Instruct students to think about a problem they could solve or you may need to have a group discussion to generate a problem. The invention Wheel of Fortune is also fun!
<https://invention.si.edu/sparklabs-now-what-invention-game>
4. Use the whiteboard to brainstorm their ideas. Use Sketchpad.app to all students will create their own blueprint.
5. Assist students to organize their group plan by identifying jobs/ roles. (sketcher, note taker, builder, etc.).
6. Create the invention and reflect on how everyone shared thoughts, received thoughts, let thoughts go, added ideas together, used flexible thinking, were able to think with eyes, and problem-solved process.