

# App Evaluation

**Title:** Grasshopper

**Version:** 2.50.7

**Publisher/Producer/Creator:** Google LLC

**Target Audience:** Says 4+ but I would recommend it not be used until a student is in Junior High or grades 7-8 and up, as it is difficult to use, even for me.

**Type(s) of Software:** Tutorial/Drill and Practice-Similar to Swift, this is Google's app to teach users how to code, it is less of problem solving and more of both tutorial and then it becomes drill and practice of concepts the user learned. It introduces coding and what to type and how to type it, to users who are unfamiliar with coding get their feet wet in it. Then there is a lot of repetition to practice the skills that the user had just learned or relearned.

**Curriculum(s):** This is a lot like Swift, in that it involves learning the principles of coding, what's different is, it has you create things instead of solving a problem, but it could easily be used in a Business Technology class if a school offers that.

**Cost:** Free

**Explaining the Software:** This app is a lot like Swift, in that it introduces you into the basics of coding, but at the same time, it isn't a game like Swift where you are trying to accomplish something. Instead it has you create things, like it had me create certain flags with their colors. This app was a lot harder to use and navigate though, and it was very difficult to create what I was required to create. It does not give solutions and just has you stuck there, if you can't figure out the solution. It was not as appealing and if I had to choose between the two apps I would choose Swift on how well it explains concepts as you learn how to use them.

**Impressions / Can I Use it in My Class?** Now like I said, it would be good to use in a Business Technology class where students are required or introduced Coding. It is very difficult to use and I would only recommend it if students want more difficult practice, and I wouldn't necessarily include it in instruction. I would rather use Swift if I had to use an application to teach coding. I also wouldn't use it to have students expand their

thinking and problem solving skills. Overall I don't find this application as helpful as others.

**Does the software pass Review?**

No

**Does the software pass Evaluation?**

No