**BleepBlorp Multitasking Project Report** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Problem Statement:** Company BleepBlorp has problems with efficiencies in the workplace that they think might be related to the employees trying to do to many things at once. Company BleepBlorp makes many products, but has a small group of employees, and business is growing. They need to keep up with demand, but want to avoid hiring more workers if possible. They asked you for help and expertise in determining the impacts of multitasking, if any, and to help their employees understand the impacts as well through a computer game to be used for training purposes.  Your assignment was to create both a computer-based task and non-computer-based task that helps employees evaluate the effectiveness of multitasking and helps them plan their work efficiently. Your completed project should include the following criteria/constraints:   * A computer based game that takes one minute to complete * A simultaneous “off line” activity * A method to collect data |

What type of game did you create in Scratch? How does the user play? Describe below in enough detail so that someone who hasn’t seen the game (BleepBlorp Executives) would know how to play.

What type of off-line task did you create? What does the user need to do? Describe below in detail.

How do you collect data from your test? Describe below in detail.

Were you able to successfully meet the project criteria/constraints? Why or why not?

**Experimental Data:** Perform your experiment on at least four test subjects (classmates). Make sure you follow a consistent procedure each time you run the experiment for both the multitasking trial and non-multitasking trial. If needed, attach an another sheet of paper with additional data.

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| Test Subject | Performance When Multitasking | Performance when NOT multitasking |
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**Data Analysis:** Analyze your data by looking for trends and finding the median and/or mean.

**Conclusion:** Based on your data analysis, what conclusions can you draw aboutyour test subjects’ ability to multitask? What recommendations would you make to Company BleepBlorp regarding the way they organize work for their employees based on your initial testing?