**Instructions for testing the latest Zumi library.**

1. Connect to zumi over ap mode
2. Sign into a user
3. Go to learn
4. Go to my folder
5. On Jupyter click the folder icon
6. Click upload choose the “zumi.zip” file
7. Click upload.
8. Do the same process for the zumi\_test\_setup.ipynb
9. Once you run the zumi\_test\_setup you will have unzipped the files and any program you make inside the folder you uploaded zumi library you can use the 1.4 test library.
10. Make sure to download this file as well <https://github.com/ArN5/zumi_samples/blob/master/tests/new_methods.ipynb>
11. You can begin testing the new method.

**Please answer the following questions once you are done testing the new Zumi library**

* What new function stood out as easy or helpful?

**screen.print(…)** is straight forward. New Zumi users will be able to pick this up within the first few minutes of using Zumi.

* Did any of the new functions solve some difficulty you have had before?

**screen.print(…)** is super helpful. The other day I was trying to create a program ( Program: have multiple shapes appear on Zumi’s screen and then have Zumi perform those shapes driving wise based on which IR sensor is obstructed ) that relied on Zumi’s screen and could NOT because draw\_text() did not allow this . Now with this new function, I can make that program with my students and many more.

* What functions would you like in the next library?

Cant think of anything at the moment. I will DM you if anything comes up.

* What old or new functions are confusing?

All the functions in the “Vision.py” im unfamiliar with. I need to look them over but it would be helpful if maybe some video demos were given.