

**TEXTBOOK:** You do not need to pick up a textbook for the summer.  
The textbook readings you need are scanned and posted on WebAssign.

**1. Join the course on WebAssign.**

- ❑ Go to: <http://www.webassign.net> and click "I have a Class Key"
- ❑ Class Key: **johnjay.ny 4320 3760**
- ❑ Then enroll using your WebAssign username and password from this year.

**2. Sign up for a GlowScript account.**

- ❑ Using Chrome or Firefox, go to: <http://www.glowscript.org>
- ❑ Click "Sign In" and sign in with a Google Account.
- ❑ Click "Allow" and set your username to be your **Firstname.Lastname**
- ❑ Click "Add Folder" and create a new folder named **Summer Assignment**.

We will be using GlowScript to write computer programs in VPython to model motion, interactions, and fields. Why programming in physics? Computational modeling provides insights into complex phenomena that are impossible to obtain other ways, such as projectile motion with air resistance and visualizing electric fields in three dimensions. Do not worry if you have never programmed before. VPython is a very simple programming language.

**3. Complete the assignments posted on WebAssign.**

- ❑ The entire summer assignment is due **Thursday September 6th at 3 PM**.
- ❑ We strongly urge you: **do not wait until the last minute!**
- ❑ The assignment is in multiple parts to help you spread out work across the summer.

If you have questions during the summer, don't hesitate to email [fnoschese@klschools.org](mailto:fnoschese@klschools.org).

We are looking forward to working and learning with you next year!

- Mr. Noschese and Mr. Longhurst

