

Name: _____ Date: _____

Instructional Sheet – 3.1

1. On the start menu, go to Programs ~> Internet Tools ~> Internet Explorer
2. Once the Browser Loads, in the address space type:
http://matti.usu.edu/nlvm/nav/category_g_3_t_3.html
3. Scroll down until you find the link for “Space Blocks”. The links are in alphabetical order; this should help you locate the link faster.
4. A new window will come up with the space blocks on them.
5. By clicking on the block in the upper right hand corner of the screen you add blocks to the page to be used in creating your prism. You will know this because a cube will come up on the screen that was not there before.
6. By clicking your left mouse button on the cube and holding it, you can drag the cube where you want.
7. If you want to place the cube next to another cube, you need to move your cube so that it makes your other cube change from red to blue. Just one face will turn red. This indicates the face at which your cube will be placed.
8. Now we need to create a box that has the dimensions of 3 in. X 2 in. X 4 in.
9. Click on and drag each block to create the rectangular prism. You will need to make the box 3 blocks long, 2 blocks wide, and 4 blocks tall. We know this because our dimensions are length by width by height.
10. Looking at our finished product what is the volume of the entire prism?
11. Now repeat steps 6 though 8 for Boxes X, Y, and Z.
12. Make sure that as you go through each prism, you are recording your dimensions and volume in your chart on the task sheet.
13. Once you have finished going through each prism answer the questions at the end of the task sheet.
14. If you have finished that, see your teacher for some extra problems, and new material.