

Heads-Up Display

- Save a copy of the current projection matrix
- Reset the copy to the identity, and set to orthographic for displaying any text
- Save a copy of the current modelview matrix
- Reset to identity (so that any previous transformations don't apply to the text you are about to display)
- Output your display text
- Pop this state of the modelview matrix, ready for further drawing
- Switch to projection mode, and pop the current matrix, to revert to the saved projection status
- Switch to modelview mode, for rest of program
- If depth-testing is being used, it should be disabled and then re-enabled after the heads-up display.