Dyna Draw 3D instructions

This dynamic drawing tool will have you creating wild and crazy scenes that you will love to share with others. The single letter programming commands are like the LOGO Turtle graphics of ‘old’ and a great educational platform.

Homework Tips Checklist for Parents

Happy Drawing!

# Drawing, Rotation, and MOtion

* f/F: Move forward drawing a line
* m/M: Move, just like the f/F command, but no line is drawn
* b/B: Back, just like m/M but the opposite direction
* r/R: Rotate right
* l/L: Rotate left
* u/U: Rotate Up
* d/D: Rotate Down
* i/I: Rotate In - more of a sit-and-spin effect
* o/O: Rotate Out - another sit-and-spin, the other way

# 3D Objects to add to your Scene

* W: World
* S: Sword,
* A: Asteroid,
* J: Jet Rocket,
* K: 5KW Light
* P: Pixel Drawing - leaves a line behind
* “”: Quotes. Any letters (or space character) inside quotes will be drawn as 3D characters.

# Objects with SPecial Triggers

* t/T: Tilter, Keyboard or Gamepad controls the angle
* s: Shooter, Shoots a cannon ball, Keyboard or Gamepad shoots.

# Commands to add PIzzaz

* z/Z: Zoom out or in
* 0,1,2,3,4,5,6,7,8,9: Set a color
  + 0: black, 1: white, 2: red, 3: green, 4: blue, 5: yellow, 6: magenta, 7: cyan, 8: gray, 9: clear
* C: Rotate the colors – “Taste the Rainbow!”

# Special Programming Commands

* ( )c: Copy stuff found in last (...), example:(fr)cccc
* [ ]: Encapsulate all Transforms (rotation/movement), nice for branching from the same point
  + Example:[ffff][rrrrrrffff], both arms start from the same point