

Google SketchUp
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A 3-D Graphic Program
For
Sketching Ideas



Advantages

- Free Program
 - Download **at**
http://www.sketchup.com/?utm_campaign=en&utm_source=en-ha-ww-google&utm_medium=ha&utm_term=sketchup
 - Easy to Use
 - Good for developing ideas
 - Good for presenting concepts
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Program Help Resources

- Online help from the help menu
 - Tutorials
 - Self Paced 1, 2, 3
 - Video Tutorials
 - Video Tutorials from Version 4
 - Quick Reference Guide
 - Tool Buttons and Icons
 - Mouse
 - Views
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Program Help Resources (Cont.)

- Instructor
 - Tells how to use tools
 - Gives examples of tool use



Features

- Draw and Modification Tools
 - Exact Dimensions can be entered in the lower right corner.
 - Drawing features can be measured and dimensioned
 - Many different views are available
 - Materials and colors can be added to the sketch/drawing
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Features (1)

- Intuitive Snaps
 - Ends
 - Lines
 - Center
 - Surface, Etc
 - Make Movies with Tabs
 - Layers
 - Download models from 3-D Warehouse
 - Place 3-D drawings of buildings on Google **Earth**
 - <http://sketchup.google.com/support/bin/answer.py?answer=36241>
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3-D Warehouse

- A list of objects created in SketchUp that are uploaded for others to use.
 - There is a search engine for various objects.
 - Pictures of objects can be looked in enlarged fashion.
 - Objects have TAGS showing similar items.
 - Objects can be downloaded to your SketchUp design saving you time.
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Video Tutorials

- Tutorial #1 self paced from Help Menu
 - Video #1 from help (Internet resource)
 - Features overview 20:18
 - Grouping 1:22
 - In place component editing 1:33
 - Using Layers 3:44
 - Inferring 9:11
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