Materials List for:

Creating Objects and Object Categories for Studying Perception and Perceptual Learning

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Materials

Name	Company	Catalog Number	Comments
Digital Embryo Workshop (DEW)	Mark Brady and Dan Gu		This user-friendly, menu-driven tool can be downloaded free of charge as Download 1 from http://www.hegde.us/DigitalEmbryos. Currently available only for Windows.
Digital embryo tools for Cygwin	Jay Hegdé and Karin Hauffen		This is a loose collection of not-so-user-friendly programs. They are designed to be run from the command-line interface of the Cygwin Linux emulator for Windows. These programs can be downloaded as Download 2 from http://www.hegde.us/DigitalEmbryos. The Cygwin interface itself can be downloaded free of charge from www.cygwin.com.
Autodesk 3ds Max, Montreal, Quebec, Canada	Autodesk Media and Entertainment	3DS Max	This is a 3-D modeling, animation and rendering toolkit with a flexible plugin architecture and a built-in scripting language. Available for most of the current operating systems.
MATLAB	Mathworks Inc., Natick, MA, USA	MATLAB	This is a numerical computing environment and programming language with many useful add-on features. Available for most of the current operating systems.
R statistical toolkit	R Project for Statistical Computing	R	Can be downloaded free of charge from http://www.r-project.org/. Available for most of the current operating systems.
OpenGL	Khronos Group	OpenGL	This cross-language, cross-platform graphical toolkit can be downloaded free of charge from www.opengl.org.
V-Flash Personal Printer	3D Systems Inc., Rock Hill, SC, USA	V-Flash	This is a good value for all 3-D printing applications described in this report. The print materials are also vended by 3D Systems, Inc. Less expensive models are

			available in open source form from RepRap (rapmanusa.com) and MakerGear. More expensive models (> $30 K) are available from Objet Geometries, 3DS Systems, Z-Corp, Dimension Printing etc.
TurboSquid.com	TurboSquid Inc., New York, LA	(various objects)	Various virtual 3-D objects can be downloaded from this site free of charge or for a fee.
Table 1. Table Of Specific Toolkits And Equipment.			