

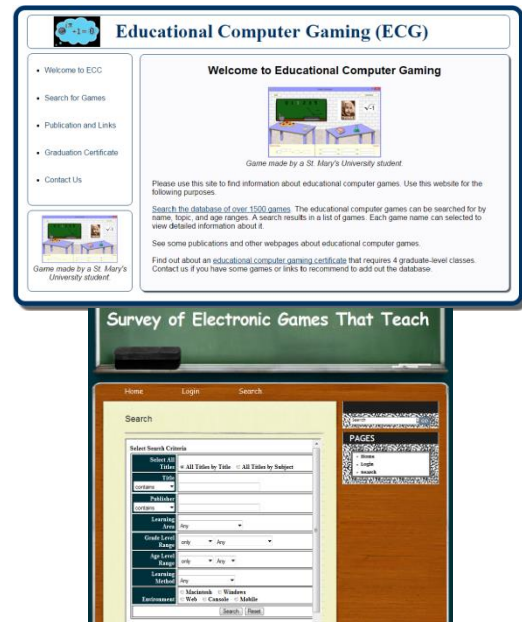
# Educational Computer Games Resources

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[www.abcya.com](http://www.abcya.com)  
[www.arcademicskillbuilders.com/games](http://www.arcademicskillbuilders.com/games)  
[www.armorgames.com](http://www.armorgames.com)  
[www.code.org/learn](http://www.code.org/learn)  
[www.coolmath-games.com](http://www.coolmath-games.com)  
[www.duckiedeck.com/play](http://www.duckiedeck.com/play)  
[www.e-learningforkids.org](http://www.e-learningforkids.org)  
[www.educational-freeware.com](http://www.educational-freeware.com)  
[www.funbrain.com](http://www.funbrain.com)  
[www.gaming2learn.org](http://www.gaming2learn.org)  
[www.games2train.com](http://www.games2train.com)  
[www.gamesforchange.com/play](http://www.gamesforchange.com/play)  
[www.hippocampus.org](http://www.hippocampus.org)  
[www.hoodamath.com](http://www.hoodamath.com)  
[www.howstuffworks.com](http://www.howstuffworks.com)  
[www.internet4classrooms.com](http://www.internet4classrooms.com)  
[www.kidsgames.com](http://www.kidsgames.com)  
[www.knowledgeadventure.com/arcade/online-kids-games](http://www.knowledgeadventure.com/arcade/online-kids-games)  
[www.kongregate.com](http://www.kongregate.com)  
[www.learninggamesforkids.com](http://www.learninggamesforkids.com)  
[www.learnxcape.com/apps](http://www.learnxcape.com/apps)  
[www.miniclip.com](http://www.miniclip.com)  
[www.mission-us.org](http://www.mission-us.org)  
[www.multiplication.com/interactive\\_games.htm](http://www.multiplication.com/interactive_games.htm)  
[www.nobelprize.org/educational](http://www.nobelprize.org/educational)  
[www.playgen.com//play](http://www.playgen.com//play)  
[www.playkidsgames.com](http://www.playkidsgames.com)  
[www.softschools.com](http://www.softschools.com)

[www.tryengineering.org/play.php](http://www.tryengineering.org/play.php)  
[www.twinbeard.com/games](http://www.twinbeard.com/games)

anatomy Poke-A-Muscle [www.anatomyarcade.com/games/PAM/PAM.html](http://www.anatomyarcade.com/games/PAM/PAM.html)  
anatomy Whack-A-Bone [www.anatomyarcade.com/games/WAB/WAB.html](http://www.anatomyarcade.com/games/WAB/WAB.html)  
balance of resources [www.springbaystudio.com/balance/game.html](http://www.springbaystudio.com/balance/game.html)  
biology Cellcraft [www.kongregate.com/games/CellCraft/cellcraft](http://www.kongregate.com/games/CellCraft/cellcraft)  
calculus [www-personal.umich.edu/~ojwalch/IntegrallInvaders/index.html](http://www-personal.umich.edu/~ojwalch/IntegrallInvaders/index.html)  
change the world [www.urgentevoke.com](http://www.urgentevoke.com)  
Child Soldiers [www.globalconflicts.eu](http://www.globalconflicts.eu)  
civics [www.icivics.org/games](http://www.icivics.org/games)  
coding (HTML, CSS, JavaScript) [www.beeacoder.com](http://www.beeacoder.com)  
Darfur [www.darfurisdying.com](http://www.darfurisdying.com)  
economics - Oligarchy [www.addictinggames.com/strategy-games/oilgarchy.jsp](http://www.addictinggames.com/strategy-games/oilgarchy.jsp)  
electric circuits - [www.andythelwell.com/blobz](http://www.andythelwell.com/blobz)  
electro city [www.electrocity.co.nz](http://www.electrocity.co.nz)  
environment [www.springbaystudio.com/balance/game.html](http://www.springbaystudio.com/balance/game.html)  
fishery <http://oneocean.cbc.ca/biosphere>  
health - immune attack [www.immuneattack.org](http://www.immuneattack.org)  
immigration - Homeland Guantanamos [www.homelandgitmo.com](http://www.homelandgitmo.com)  
laboratory safety [www.starlite.nih.gov](http://www.starlite.nih.gov)  
migration - Against All Odds [www.gamesforchange.org/play/against-all-odds](http://www.gamesforchange.org/play/against-all-odds)  
nutrition [www.fns.usda.gov/tn/resources/game/BlastOff\\_Game.html](http://www.fns.usda.gov/tn/resources/game/BlastOff_Game.html)  
oil [www.worldwithoutoil.org](http://www.worldwithoutoil.org)  
poverty [www.povertyisnotagame.com](http://www.povertyisnotagame.com)  
soccer [www.breakawaygame.com/play.php?lang=EN](http://www.breakawaygame.com/play.php?lang=EN)  
immigration laws <http://www.icivics.org/games/immigration-nation>  
stop disasters [www.stopdisastersgame.org/en/home.html](http://www.stopdisastersgame.org/en/home.html)  
sustainable city [www.enercities.eu](http://www.enercities.eu)  
The Cost of Life <http://ayiti.globalkids.org/game>  
typing [www.nitrotype.com](http://www.nitrotype.com)  
US Congress [www.fantasycongress.net/112/index.php](http://www.fantasycongress.net/112/index.php)  
Windfall (wind farms) [www.persuasivegames.com/games/game.aspx?game=windfall](http://www.persuasivegames.com/games/game.aspx?game=windfall)



[www.EducationalComputerGaming.com](http://www.EducationalComputerGaming.com) - Search

# Game Development Tools

[www.opencontent.org/wiki/index.php?title=Games\\_Technical\\_Resources](http://www.opencontent.org/wiki/index.php?title=Games_Technical_Resources)

GameMaker - search for a free version of Gamemaker 8.1 Lite

Flash <http://lostgarden.com/2009/07/flash-love-letter-2009-part-1.html>

Java - Kilobolt <http://www.kilobolt.com/day-1-foundations>

PyGames [www.PyGames.org](http://www.PyGames.org)

Unity [www.unity3d.com](http://www.unity3d.com), (Unity 4.5.5 exe attached from October 2014)

[www.unity3d.com/learn](http://www.unity3d.com/learn)

Activate [www.activategames.org](http://www.activategames.org)

Buildbox [www.buildbox.com](http://www.buildbox.com)

Bravo [www.c3softworks.com/products/online/bravo-web/index.html](http://www.c3softworks.com/products/online/bravo-web/index.html)

Clark Charts [www.clarkcharts.com](http://www.clarkcharts.com)

Cocos 2D for phone apps [www.cocos2d-x.org/projects/cocos2d-x/wiki/Download](http://www.cocos2d-x.org/projects/cocos2d-x/wiki/Download)

Construct 2 [www.scirra.com/construct2](http://www.scirra.com/construct2)

eAdventure <http://e-adventure.e-ucm.es/>

Game Salad [www.gamesalad.com](http://www.gamesalad.com)

Games Factory, Multimedia Fusion 2 [www.clickteam.com/website/usa](http://www.clickteam.com/website/usa)

Games for Change [www.gamesforchange.org/toolkitflash](http://www.gamesforchange.org/toolkitflash)

Gamestar Mechanic [www.gamestarmechanic.com](http://www.gamestarmechanic.com)

jMonkey engine [www.jmonkeyengine.com](http://www.jmonkeyengine.com) (Java based)

Kodu [www.KoduGameLab.com](http://www.KoduGameLab.com)

for Xbox <http://research.microsoft.com/en-us/projects/kodu/>

Marmelade - <https://www.madewithmarmalade.com/>

RPG Maker [www.rpgmakerweb.com/download/free-programs/rpg-maker-vx-ace-lite/download-rpg-maker-vx-ace-lite](http://www.rpgmakerweb.com/download/free-programs/rpg-maker-vx-ace-lite/download-rpg-maker-vx-ace-lite)

[www.rpgmakerweb.com](http://www.rpgmakerweb.com)

Scratch from MIT <http://scratch.mit.edu>

Getting start with Scratch

guide <http://info.scratch.mit.edu/sites/infoscratch.media.mit.edu/docs/ScratchGettingStartedv14.pdf>

Video tutorials for Scratch [http://info.scratch.mit.edu/Video\\_Tutorials](http://info.scratch.mit.edu/Video_Tutorials)

Stencyl [www.stencyl.com/developers/](http://www.stencyl.com/developers/)

Thinking Worlds [www.thinkingworlds.com](http://www.thinkingworlds.com)

Torque 3D ([www.torquepowered.com](http://www.torquepowered.com); harder to use)

SCVNGR game mechanics [www.techcrunch.com/2010/08/25/scvngr-game-mechanics](http://www.techcrunch.com/2010/08/25/scvngr-game-mechanics)

XNA <http://www.microsoft.com/downloads/details.aspx?FamilyID=80782277-d584-42d2-8024-893fcd9d3e82&displaylang=en>

and <http://creators.xna.com> and [www.xnawiki.com](http://www.xnawiki.com)

(iPad) Codea <http://twolivesleft.com/Codea>

(iPad) Hopscotch [www.gethopscotch.com](http://www.gethopscotch.com)

(iPad) Pixel Press [www.pixelpressgame.com](http://www.pixelpressgame.com)

(iPad) Sketch Nation - app for iPad Unreal editor (with Unreal Tournament 3) or

Hammer editor (with Half-Life2). Get them on <http://store.steampowered.com/> for around \$25  
game design cards

- <http://webcache.googleusercontent.com/search?q=cache:http://www.learninggamesnetwork.org/wp-content/uploads/2013/06/GDTK-Cards-v1.pdf> or

<https://docs.google.com/viewer?a=v&pid=forums&srcid=MDMyNDA0ODY2MzcwNTg1NDM4MDUBMDI3MTk4OTY0OTQ2NjU3OTQ1OTIBbEpudmZ2b3piRzRKATUBAXYy>