

| GAME NAME  | PUBLISHER                          | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)  | Platform                | ENTRY POSTED BY/DATE       | COMMENTS  | Learning or drill?  |
|--|------------------------------------|---|---|-------------------------|---|-------------------------|----------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                           | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...   | K-12                    | Free  | Web                     | Norman Basch 8/18/11       | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                            | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered                   | Web (flash, html5, iOS) | Updated 8/30/2011          | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| Activate your Mind   | Zondle                             | <a href="https://www.zondle.com/">https://www.zondle.com/</a>   |   | 1 - 3                   | Free  | Web                     | Katy Sullivan              | Simple machines - some simulations  | Learning  |
| Algebra vs. the Cockroaches                                | Hotmath, Inc.                      | <a href="http://catchupmath.com/math-games/">http://catchupmath.com/math-games/</a>                                 | Determine y-intercept of a line   | 7 - 9                   | Free  | PC/Mac                  | Chuck Grant 8/30/2011      | Refined and improved over 5 years of successful (and fun) student engagement and enrichment   | Drill (w/engagement)                                      |
| Alice  | Carnegie-Mellon Univ               | <a href="http://www.alice.org/">http://www.alice.org/</a>   | Game Design and Development, Programming  | 8 - 12                  | free  | Mac, Windows            | kvalente 8/19/11           | drag and drop interface game programming  | constructing, learning                                    |
| AmericanLearningLeague                                     | Big Fun Education                  | <a href="http://AmericanLearningLeague.com">http://AmericanLearningLeague.com</a>                                   | A digital library of nonfiction and fiction with quizzes that offer explicit instruction in everyday, academic, and domain-specific vocabulary (Tier 1, 2 and 3 words). Texts of increasing difficulty and complexity, as well as comprehension practice with text-dependent questions. | 3 - 8                   | Free. Data package upgrade available that increases motivation. | Web                     | 7/21/2012                  | Please go to our site where you can sign up to get updates on our progress as we create this "motivational learning community." Our "learning league" is based on a successful league in CT called TestPrepFUN.com. Created by teachers :)  | self-directed learning                                    |
| ARGuing - Alternate reality education game                 | University of the West of Scotland | <a href="http://arg.paisley.ac.uk/index.php">http://arg.paisley.ac.uk/index.php</a>                                 |   | 6 -12                   |   |                         |                            |   |   |
| Ayiti: The Cost of Life                                    | TIGgames & Global Kids             | <a href="http://www.tigweb.org/tiged/projects/ayiti/">http://www.tigweb.org/tiged/projects/ayiti/</a>               | Descision making, balancing goals, critical thinking  | 7/12/2013               | free  | Web (flash)             | Dalia Rashid 16/2/2012     | role - playing video game, players assume the roles of family members living in rural Haiti. Over the course of the game the player must balance various goals and maintain happiness while encountering a series unexpected events.  | learning  |
| Battleship Numberline                                      | PlayPower Foundation               | <a href="http://www.tigweb.org/tiged/projects/ayiti/">http://www.tigweb.org/tiged/projects/ayiti/</a>               | mathematics, number sense, whole numbers, fractions, decimals, number line estimation   | 5 - 8                   | free  |                         | dixie ching 8/19/11        | flash-based mini game; 15 minutes recommended play time; aligned with common core standards   | strategy development, drill                               |
| Beanstalk  | Carnegie Mellon University         | .....   | Physics, balance, force, stability  | PreK, K-3               | Free  | web                     | Amos Glenn 11/14/2012      | Players stay balanced on top of a growing beanstalk by placing flowers on one side of the beanstalk to offset the weight of bugs sitting on the other side. Part of CMU's ENGAGE project to develop fund games with proven educational effects: <a href="http://www.etc.cmu.edu/engage/">http://www.etc.cmu.edu/engage/</a> | learning  |
|  | DX Interactive                     | <a href="http://www.coolmath-games.com/0-bloxorz/index.html">http://www.coolmath-games.com/0-bloxorz/index.html</a> | Math  | K-3                     | Free  | Web                     | Chris Blakesley 12/21/2011 | Flash-based puzzle game   | learning  |
| Brain Waves  | TIGgames                           |   | Mental Health   | 7 - 12                  | free  | web (flash)             | Dalia Rashid 16/2/2012     | Compete for points by answering questions about mental health at different levels of difficulty   | learning  |

| GAME NAME  | PUBLISHER                                   | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)   | Platform                | ENTRY POSTED BY/DATE   | COMMENTS  | Learning or drill?  |
|--|---|---|---|-------------------------|--|-------------------------|------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                                    | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies... | K-12                    | Free   | Web                     | Norman Basch 8/18/11   | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                                     | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered  | Web (flash, html5, iOS) | Updated 8/30/2011      | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| Budget Hero  | American Public Media                       | <a href="http://www.marketplace.org/topics/economy/budget-hero">http://www.marketplace.org/topics/economy/budget-hero</a>                                 | simulate the process of balancing a federal budget  | K - 12                  | free   | Web                     | Lynn Scott 11/22/11    | Released 2008, updated 2011   | learning  |
| Build-a-Body   | Spongelab Interactive                       | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=232&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=232&amp;related=2</a> | Science, biology, physiology  | 10/12/2013              | Free; free "credits" & registration required.  | Web                     | Alex Hayter 9/06/11    | Choose organs from the organ tray, and place them in their correct position within the body to create organ systems.  | learning  |
| Build-a-Cell   | Spongelab Interactive                       | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=231&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=231&amp;related=2</a> | Science, biology, microbiology, botany  | 10 - 12                 | Free; free "credits" & registration required.  | Web                     | Alex Hayter 9/06/11    | A drag and drop game to teach students about the organelles and organelle substructures .   | learning  |
| Butt Out: Tobacco Trivia                                   | TIGames                                     | <a href="http://www.tigweb.org/tiged/games/tobacco.html">http://www.tigweb.org/tiged/games/tobacco.html</a>   | Tobacco, Trivia, Speed & Accuracy   | 7 - 12                  | Free   | Web (flash)             | Dalia Rashid 16/2/2012 | Test your knowledge about tobacco! Match the cards, answer the trivia questions, and based on your speed and accuracy, accumulate as many points as possible  | learning  |
| BYOB 3.1   | Berkeley                                    | <a href="http://byob.berkeley.edu/">http://byob.berkeley.edu/</a>   | Game Design and Development, Programming (based on Scratch from MIT)                                | 6 - 12                  | free   | Mac, Windows            | kvalente 8/19/11       | drag and drop interface game programming  | constructing, learning                                    |
| Calculation Nation(R)                                      | National Council of Teachers of Mathematics | <a href="http://calculationnation.nctm.org">http://calculationnation.nctm.org</a>   | Mathematics   | K-12                    | free (must register to challenge other players, but can play against computer without registration |                         | pvennebush 8/19/11     | site currently contains 10 games (an 11th coming in September) for various topics: fractions, area/perimeter, probability, factor, algebra, geometry/transformations, multiplication; note that we call these "math strategy games" because they are not your typical games of basic math practice; kids have to really think and use strategy to be successful | strategy development, learning                            |
| Calvin Cycle   | Spongelab Interactive                       | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=223&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=223&amp;related=2</a> | Science, Biology  | 10 -12                  | Free; free "credits" & registration required.  | Web                     | Alex Hayter 9/06/11    | Learn about the enzymes and components involved in the Calvin Cycle and about the concept of 'recycling' as it pertains to a biochemical 'cycle.  | learning  |

| GAME NAME  | PUBLISHER             | WEBSITE   | TOPIC OR SKILL   | AGE OR GRADE            | PRICE (US\$)   | Platform                | ENTRY POSTED BY/DATE | COMMENTS   | Learning or drill?   |
|--|-----------------------|---|--|-------------------------|--|-------------------------|----------------------|--|--|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP              | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...  | K-12                    | Free   | Web                     | Norman Basch 8/18/11 | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.                           | learning   |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers               | Wowzers.com   | Mathematics  | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered              | Web (flash, html5, iOS) | Updated 8/30/2011    | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar                    | Direct instruction combined with constructivist learning.                            |
| Cell Command   | Filament Games        | <a href="http://www.filamentgames.com/products/cell-command">http://www.filamentgames.com/products/cell-command</a>                                       | Investigate and explain the components of the scientific theory of cells (cell theory): all organisms are composed of cells (single-celled or multi-cellular), all cells come from pre-existing cells, and cells are the basic unit of life. Identify structures and functions of major organelles of animal cells, including cell membrane, nucleus, cytoplasm, chloroplasts, mitochondria, and vacuoles. Describe the functions performed by cells to sustain a living organism, e.g., division to produce more cells, taking in nutrients, releasing waste, using energy to do work, and producing materials the organism needs. Relate the structure of a specialized cell to the function that the cell performs. | 11 y.o - 14             | playable for free on the website                           | Windows                 | chayes 8/24/201      | This project funded by an SBIR grant from the Department of Education. This game is UDL enhanced for students with learning disabilities and ELL students.                   | strategy development, learning   |
| Citric Acid Cycle Game                                     | Spongelab Interactive | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=210&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=210&amp;related=2</a> | Science, biology   | 10 - 12                 | Free; free "credits" & registration required.              | Web                     | Alex Hayter 9/16/11  | Users play through the citric acid cycle system, trying to generate appropriate levels of NADH & FADH2   | Learning   |
| Class Tools  | Russel Tar            | <a href="http://classtools.net/">http://classtools.net/</a>   | Create your own vocabulary games   | k-12                    | free   | web                     |                      |  | drill  |
| Classic Chembalancer                                       | FunBasedLearning.com  | <a href="http://funbasedlearning.com/chemistry/chemBalancer/de">http://funbasedlearning.com/chemistry/chemBalancer/de</a>                                 | Learn how to balance chemical equations in an easy, fun, and concrete way.   | 7 -11                   | Free & instant, no installation, no registration required. | Web                     | Sulan Dun 8/30/2011  | Taught all of my grade 9th students (including remedial students) to balance chemical equations in 30 mins with this game. Much more fun and easy than lecture & worksheets. | Learning and drill. Concrete manipulatives make this abstract topic easier to learn. |

| GAME NAME  | PUBLISHER                               | WEBSITE   | TOPIC OR SKILL   | AGE OR GRADE            | PRICE (US\$)                                  | Platform                | ENTRY POSTED BY/DATE  | COMMENTS  | Learning or drill?  |
|--|---|---|--|-------------------------|---|-------------------------|-----------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                                | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...  | K-12                    | Free  | Web                     | Norman Basch 8/18/11  | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.        | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                                 | Wowzers.com   | Mathematics  | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered | Web (flash, html5, iOS) | Updated 8/30/2011     | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar | Direct instruction combined with constructivist learning. |
| Code Fred: Survival Mode                                   | Museum of Science and Industry, Chicago | <a href="http://www.msichicago.org/code-fred">http://www.msichicago.org/code-fred</a>                                       | Science, Biology, Physiology, Anatomy<br>Players will learn how different systems of the body work together to achieve a common goal by taking control of those different systems in order to help Fred escape a hungry wolf.  | 5/12/2013               | Free  | Web                     | Brice Puls 03/21/2013 | Fun, creative game that is engaging, entertaining, and provides a very good context to learn about body systems and their interactions with each other    | Learning  |
| Cool School  | Rational Games, Inc.                    | <a href="http://www.coolschool.com">www.coolschool</a>  | Conflict resolution skills   | K-3                     | Free  | Web                     | Mark Young, 02/15/12  | Fun animated game, can be used in or after school, curriculum available   | Learning  |
| Crazy Plant Shop   | Filament Games                          | <a href="http://www.filamentgames.com/products/crazy-plant-shop">http://www.filamentgames.com/products/crazy-plant-shop</a> | Explain that information about how cells grow and function is contained in genes in the chromosomes of each cell nucleus and that during the process of reproduction the genes are passed from the parent cells to offspring. Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today. Determine the probabilities for genotype and phenotype combinations using Punnett Squares and pedigrees. Explain why offspring that result from sexual reproduction are likely to have more diverse characteristics than offspring that result from asexual reproduction. | 11 y.o. +               | playable for free on the website              | Windows                 | chayes 09/30/2011     |   | strategy development, learning                            |
| Data Games   | KCP Technologies                        | <a href="http://play.ccssgames.com">play.ccssgames.com</a>  | Data analysis and algebra skills, aligned with Common Core State Standards for Mathematics (CCSSM).  | 7 - 12                  | Free  | Web                     | Rick Gaston 11/8/12   |   | Learning  |

| GAME NAME  | PUBLISHER                           | WEBSITE   | TOPIC OR SKILL   | AGE OR GRADE            | PRICE (US\$)                                  | Platform                | ENTRY POSTED BY/DATE    | COMMENTS  | Learning or drill?  |
|--|-------------------------------------|---|--|-------------------------|---|-------------------------|-------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                            | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...                                  | K-12                    | Free  | Web                     | Norman Basch 8/18/11    | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                             | Wowzers.com   | Mathematics  | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered | Web (flash, html5, iOS) | Updated 8/30/2011       | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| Dealing Room   | 10 Lane Learning                    | <a href="http://www.stockmarketchallenge.co.uk">http://www.stockmarketchallenge.co.uk</a>                             | Applied Maths, Business/Economics, Key Skills Financial Capability, Work-related Learning. Available in English, Spanish and French. | High school.            | Various pricing and licensing options         | Web (Flash)             | Liam Barnes 27/3/13     | Part of the Stock Market Challenge suite of simulation games. The games transform the experience of trading on the financial markets into an accessible and enjoyable collaborative learning experiences. | Learning  |
| Death in Sakkara   | BBC                                 | <a href="http://www.bbc.co.uk/history/ancient/egyptians/laur">http://www.bbc.co.uk/history/ancient/egyptians/laur</a> | Explain and provide evidence of how biological evolution accounts for the diversity of species on Earth today                        | 5 - 10                  | Free  |                         | Andy Montgomery 8/18/11 | Has the students solve a mystery and exposes them to some major parts of Egypt history  | learning  |
| DimensionU   | DimensionU (formerly Tabula Digita) | <a href="http://www.dimensionu.com">www.dimensionu.com</a>  | Math (Literacy available on desktop)   | 3 - 10                  | Free for individual access                    | Web and desktop/sc      | Julie Jacob 2/24/12     | We have two new webgames available to any student for free  | Drill and practice  |
| Diplomacy  | Volo Media                          | <a href="http://www.playdiplomacy.com/">http://www.playdiplomacy.com/</a>   | World War One-era world map, historical insight, empathy, diplomacy vs. aggression, geography.                                       | 7 - 12                  | Free  | Web                     | David Larson 01/26/2013 | Play closed game or open to wider community. Turns happen 12+ hours apart. Also allows chat between players.  | Learning  |

| GAME NAME  | PUBLISHER             | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)  | Platform                                       | ENTRY POSTED BY/DATE          | COMMENTS   | Learning or drill?  |
|--|-----------------------|---|---|-------------------------|---|--|-------------------------------|--|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP              | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...   | K-12                    | Free  | Web  | Norman Basch 8/18/11          | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.   | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers               | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered                                       | Web (flash, html5, iOS)                        | Updated 8/30/2011             | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar  | Direct instruction combined with constructivist learning. |
| DragonBox  | We Want To Know       | <a href="http://www.wewanttoknow.com">www.wewanttoknow.com</a>  | DragonBox does away with tedious equations and math quizzes, replacing them instead with a simple game involving cards and a magical box. The game evolves as kids master the skills and concepts presented. After one hour of playing DragonBox, twelve-year olds can tackle equations their parents struggle to solve. DragonBox was pre-launched in Norway to let schools, kids and parents test the game. Almost immediately, it rocketed to the top of the charts, becoming the most purchased app in the Apple App Store in Norway-- displacing other, more traditional games. More than 10% of all iPad users in Norway have downloaded DragonBox within the first few weeks of its release. | 6 y.o. - 12             | 2.99 USD for DragonBox and 5.99 USD for DragonBox and which has an extra 100 games. | iPhone and iPad and Android Tablets and phones | Ian McMonagle 2/8/12          | was truly impressed with DragonBox from the minute I first tested it," says Zoran Popović, Director of the Center for Game Science. "This game focuses on one of the core concepts in Algebra, presenting it in a clever way that is accessible to children and very likely to be transferable to real math problems. We look forward to working with WeWantToKnow on the student-adaptive version of this game and deploying it in school trials across the US. I believe that as early as next year, we can have second-graders mastering key algebra concepts with just a few hours of gameplay. The Center for Game Science has been focusing on fractions and other early math bottlenecks in K-12 education, and our partnership with WeWantToKnow is the perfect next step in developing a game-based mathematics curriculum suitable for every child." | Learning the concepts of Algebra                          |
| DreamBox Learning  | DreamBox Learning     | <a href="http://www.dreambox.com">www.dreambox.com</a>  | Determine the probabilities for genotype and phenotype combinations using Punnett Squares and pedigrees   | PreK-3                  | \$20 per student, \$5000 unlimited site license                                     |  | Updated by Shari Vogt 8/18/11 | Most games focus on visual models for math. Students may need help transferring what they've learned to math symbols and applications.   | learning  |
| Electron Transport Chain Game                              | Spongelab Interactive | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=225&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=225&amp;related=2</a> | Explain why offspring that result from sexual reproduction are likely to have more diverse characteristics than offspring that result from asexual reproduction   | 10 to adult             | Free; free "credits" & registration required.                                       | Web  | Alex Hayter 9/16/11           | Play with an electron transport chain which couples electron transfer between an electron donor (such as NADH) and an electron acceptor (such as O <sub>2</sub> ) to the transfer of H <sup>+</sup> ions (protons) across a membrane.  | Learning  |

| GAME NAME  | PUBLISHER                 | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)   | Platform   | ENTRY POSTED BY/DATE       | COMMENTS  | Learning or drill?   |
|--|---------------------------|---|---|-------------------------|--|--|----------------------------|---|--|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                  | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...   | K-12                    | Free   | Web  | Norman Basch 8/18/11       | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning   |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                   | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered              | Web (flash, html5, iOS)  | Updated 8/30/2011          | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning.    |
| Element Quiz   | FunBasedLearning.com      |   | Chemical element names, symbols, and facts  | 7th-10th                | Free & instant, no installation, no registration required. | Web  | Sulan Dun 8/30/2011        | Have fun learning about the elements. How many questions can you get right in a row?  | Drill - missed questions repeat until all correctly answered |
| Factortris   | Hotmath, Inc.             | <a href="http://catchupmath.com/math-games/">http://catchupmath.com/math-games/</a>   | Determine factors of integers   | 7th-10th                | Free   | PC/Mac   | Chuck Grant 8/30/2011      | Refined and improved over 5 years of successful (and fun) student engagement and enrichment   | Drill (w/engagement)   |
| Fast Car: Travelling Safely around the World               | TIGPartner Games (UNESCO) | <a href="http://www.unesco.org/new/en/communication-and-information/crosscutting-priorities/hiv-and-aids/fast-car-travelling-safely-around-the-world/">http://www.unesco.org/new/en/communication-and-information/crosscutting-priorities/hiv-and-aids/fast-car-travelling-safely-around-the-world/</a> | Existing preventive practices, treatment and care for HIV and AIDS  | 7th-12th (adults too)   | Free   | Web (flash)  | Dalia Rashid 16/2/2012     | Players race on circuits on five different continents and virtually visit some of the UNESCO World Heritage sites. It also presents images of sites and interesting facts about them as players race by.  | Learning   |
| Finance Quest  | NFTE                      | <a href="http://www.nfte.com/resources/for-teachers">http://www.nfte.com/resources/for-teachers</a>   | Personal Finance  | 12 to adult             | free   |  | Mathew Georghiou 8/17/2011 | A collection of several minigames.  | learning   |
| Flocabulary Hip-Hop in the Classroom                       | Flocabulary               | <a href="https://www.flocabulary.com/subjects/">https://www.flocabulary.com/subjects/</a>   | lesson sequence builds readiness for college and careers through rigorous, multisensory practice. Furthermore, students develop their literacy skills while working in all subject areas. | K-12                    | Free 2 week trial  | Web,Aple Devices   | Delphine McBride 3/29/13   | Develop literacy skills while working in all subject areas.   | Learning and drill.  |
| Footsteps2Brilliance                                       | New Image Media, LLC      | <a href="http://www.footsteps2brilliance.com/">http://www.footsteps2brilliance.com/</a>   | vocabulary, reading, writing, standards based concepts  | PreK-3                  | Various pricing and licensing options                      | PC/Mac/Ar Devices/Ar devices/Wi devices, etc. (available on all mobile platforms). | Lisa Anderson 1/30/2012    | A library of eBooks and over 230 educational games available to schools and soon to be available for consumers. Available on any computer, tablet or smartphone. Includes a built-in data tracking system to help teachers differentiate instruction and professional development network called "Recipes for Success" for teachers to share their best classroom activities. | learning   |
| For Crown or Colony-Mission US #1                          | CPB                       |   | U. S. History   | 5th Grade and Above     | Free   | Web  | Keith Barnes 2/2/2012      | Different Missions cover various periods in U.S. History Lots of Supplemental materials uses primary sources  | Learning   |



| GAME NAME  | PUBLISHER                 | WEBSITE   | TOPIC OR SKILL   | AGE OR GRADE                   | PRICE (US\$)  | Platform                 | ENTRY POSTED BY/DATE   | COMMENTS  | Learning or drill?   |
|--|---------------------------|---|--|--------------------------------|---|--------------------------|--|---|--|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                  | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>                         | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...                                | K-12                           | Free  | Web                      | Norman Basch 8/18/11   | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning   |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                   | Wowzers.com   | Mathematics  | 3-5 (6-8 in early 2012)        | Various pricing and licensing options offered   | Web (flash, html5, iOS)  | Updated 8/30/2011  | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning.                                      |
| Froguts  | Froguts Inc. (2001)       | <a href="http://dissect.froguts.com/">http://dissect.froguts.com/</a>                               | Virtual dissection - demo frog, paid dissections: squid, owl pellet, starfish, fetal pig, cow eye, etc. (Froguts, Jr. coming soon) | 4th - 12th                     | \$300 school fee per yr. (can install on home computers, too.) \$30.00 per year for home use, district prices may vary (?) Free in SMARTboard gallery | PC/Mac                   | Debra Quesenberry 8/30/2011  | I used it every year (it was free then) for my fourth grade classes. It was a great "after SOL testing" activity. They learned while playing.   | Learning, but now they have added, in the paid version, quizzes at the end of the dissections. |
| Game Maker   | YoYo Games                | <a href="http://www.yoyogames.com/gamemaker/windows">http://www.yoyogames.com/gamemaker/windows</a> | Game Design and Development, Programming   | 3 - 12                         | free for standard, \$39.99 for pro  | Mac, Windows, Web player | Steve Isaacs ( <a href="http://twitter.com/#!/mr_isaacs">http://twitter.com/#!/mr_isaacs</a> ) 8/18/11 | Easy to use drag and drop development environment with a built in programming language, making it ideal for students with no programming experience but robust enough for the advanced user.              | learning   |
| Game Show Presenter  | Bodine Training Games LLC | <a href="http://www.gameshowplus.com">http://www.gameshowplus.com</a>                               | Review quiz-show style any topic   | All ages                       | \$79 for educators  | Mac, Windows             | Tom Bodine 2/15/2012   | Create and present game show-style quizzes with built-in editor for multiple choice, hidden answer and true/false questions.  | Reviews  |
| Gamestar Mechanic  | E-Line Media              | <a href="http://gamestarmechanic.com/">http://gamestarmechanic.com/</a>                             | game design, 21st century skills incl critical thinking  | 7- to 14-year-olds             | free and premium versions   | Web (Flash)              | Lynn Scott 8/17/11   |   |  |
| Geography Genius   | TIGgames                  | <a href="http://www.tigweb.org/games/flag/">http://www.tigweb.org/games/flag/</a>                   | Geography, Flags   | 7th-12th (adults too)          | free  | Web (Flash)              | Dalia Rashid 16/2/2012   | Learn more about the world as you guess countries based on flags, shapes, and statistics! 3 exciting skill levels   | learning   |
| Global Investor  | 10 Lane Learning          | <a href="http://www.stockmarketchallenge.co.uk">http://www.stockmarketchallenge.co.uk</a>           | Applied Maths, Business/Economics, Key Skills Financial Capability, Work-related Learning. Available in English & Spanish.         | High school, college and adult | Various pricing and licensing options   | Web (HTML)               | Liam Barnes 27/3/13  | Part of the Stock Market Challenge suite of simulation games. The games transform the experience of trading on the financial markets into an accessible and enjoyable collaborative learning experiences. | Learning   |



| GAME NAME  | PUBLISHER                     | WEBSITE   | TOPIC OR SKILL   | AGE OR GRADE                       | PRICE (US\$)                                  | Platform                | ENTRY POSTED BY/DATE       | COMMENTS  | Learning or drill?  |
|--|-------------------------------|---|--|------------------------------------|---|-------------------------|----------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                      | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...  | K-12                               | Free  | Web                     | Norman Basch 8/18/11       | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                       | Wowzers.com   | Mathematics  | 3-5 (6-8 in early 2012)            | Various pricing and licensing options offered | Web (flash, html5, iOS) | Updated 8/30/2011          | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| Globaloria Program   | TIGPartner Games (Globaloria) | <a href="http://www.globaloria.org/">http://www.globaloria.org/</a>   | Game Development   | 7th-12th (adults too)              | free  | web (Flash)             | Dalia Rashid 16/2/2012     | The Globaloria Program helps young people become the makers of interactive games and simulations, for their own personal and professional development and for the social and economic benefit of their communities. | learning  |
| Glycolysis Game  | Spongelab Interactive         | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=227&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=227&amp;related=2</a> | Science, biology   | 10 to adult                        | Free; free "credits" & registration required. | Web                     | Alex Hayter 9/16/11        |   | Learning  |
| GoVenture Accounting                                       | MediaSpark                    | <a href="http://www.GoVenture.net">http://www.GoVenture.net</a>   |  | middle/high school, college, adult | various pricing and licensing options         |                         | Mathew Georghiou 8/17/2011 | Game/Simulation designed for schools. Includes support resources.   | learning  |
| GoVenture Any Business                                     | MediaSpark                    | <a href="http://www.GoVenture.net">http://www.GoVenture.net</a>   | business, entrepreneurship, marketing, accounting, personal finance, economics, career, consumer sciences, applied math  | high school, college, adult        | various pricing and licensing options         |                         | Mathew Georghiou 8/17/2011 | Game/Simulation designed for schools. Includes support resources.   | learning  |
| GoVenture APPS for iPad and Android                        | MediaSpark                    | <a href="http://mediaspark.com/apps">http://mediaspark.com/apps</a>   | Various apps are available for kids and adults covering many subjects, including Animals, Numbers, Music, Fruit, Vegetables, Shapes, Clothing, Emotions, Phonics, Time, Flowers, Birds, Insects, Underwater, Dinosaurs, Vehicles, Sports, Careers, Anatomy, Letters Uppercase, Letters Lowercase, Solar System, Canada, Europe, US States, Middle East, World, Business, Entrepreneurship, financial literacy, and more. | 0 to adult                         | free and paid versions available              | iOS and Android         | Mathew Georghiou 8/21/2012 |   | learning  |
| GoVenture Competition Kit                                  | MediaSpark                    | <a href="http://www.goventure.net/competitionkit.aspx">http://www.goventure.net/competitionkit.aspx</a>   | business, entrepreneurship, marketing, accounting, personal finance, economics, career, consumer sciences, applied math  | elementary school, college, adult  | free  |                         | Mathew Georghiou 8/17/2011 | Provides schools with free access to certain GoVenture games/simulation so your school can host a business simulation competition. Includes support resources.  | learning  |

| GAME NAME  | PUBLISHER            | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)   | Platform                | ENTRY POSTED BY/DATE       | COMMENTS  | Learning or drill?  |
|--|----------------------|---|---|-------------------------|--|-------------------------|----------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP             | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies... | K-12                    | Free   | Web                     | Norman Basch 8/18/11       | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers              | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered              | Web (flash, html5, iOS) | Updated 8/30/2011          | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| GoVenture Lemonade Stand                                   | MediaSpark           | <a href="http://www.GoVenture.net">http://www.GoVenture.net</a>   | business, entrepreneurship, personal finance, economics, applied math                               | elementary school       | various pricing and licensing options                      |                         | Mathew Georghiou 8/17/2011 | Game/Simulation designed for schools. Includes support resources.   | learning  |
| Graph Mole   | FunBasedLearning.com | <a href="http://funbasedlearning.com/algebra/graphing/points/def">http://funbasedlearning.com/algebra/graphing/points/def</a>                           | (x,y) coordinates tutorial and Whack A Mole game  | 4th-8th                 | Free & instant, no installation, no registration required. | Web (Flash)             | Sulan Dun 8/30/2011        | Can you guess the right coordinate to whack the mole before he eats all your vegetables? Fun story tutorial introduces the need for coordinates and their use as you help the farmer beat the pesky mole. | Learning (click Intro button) and drill (the game)        |
| Great Piggy Bank Adventure, The                            | Disney               | <a href="http://thegreatpiggybankadventure.com">http://thegreatpiggybankadventure.com</a>   | Personal Finance  | middle school           | free   |                         | Mathew Georghiou 8/17/2011 | Online Board Game Genre.  | learning  |
| Grub- Food Bytes   | TIGgames             | <a href="http://www.tigweb.org/games/grub/">http://www.tigweb.org/games/grub/</a>   | food choices and food systems   | 7th - 12th (adults too) | free   | web (flash)             | Dalia Rashid 16/2/2012     | Match the cards and answer trivia questions to get information about food choices and food systems  | learning  |
| Guts and Bolts   | BrainPOP             | <a href="http://www.brainpop.com/games/gutsandbolts/">http://www.brainpop.com/games/gutsandbolts/</a>   | Body Systems  | 5th - 8th               | free   | web (flash)             | Allisyn Levy 3/6/2013      | Learn about the interplay of human body systems as you help Moby construct a cyborg Tim!  | learning  |
| HIP pocket change  | US Mint              | <a href="http://www.usmint.gov/kids/games/">http://www.usmint.gov/kids/games/</a>   | Money   |                         |  |                         |                            | games, stories, and other activities bring coins to life.   |   |
| History of Biology   | Songelab Interactive | <a href="http://www.songelab.com/slxdev/browse/index.cfm?id=90&amp;related=2">http://www.songelab.com/slxdev/browse/index.cfm?id=90&amp;related=2</a>   | Biology, history  | 10 to adult             | Free; free "credits" & registration required.              | Web                     | Alex Hayter 9/06/11        | Interactive online scavenger hunt where students experience the history of biology through the scientists and their discoveries.  | learning  |
| Hospitality & Tourism Interactive                          | Pearson              | <a href="http://www.pearsonhighered.com/ht/">www.pearsonhighered.com/ht/</a>  | career education: hospitality & tourism   |                         |  |                         | Lynn Scott 8/17/11         |   |   |
| iCivics  | iCivics              | <a href="http://www.icivics.org/">http://www.icivics.org/</a>   | Civics  |                         | free   | web                     | Martha Riecks 1/18/13      |   | Learning  |
| Interactive Microscope                                     | Songelab Interactive | <a href="http://www.songelab.com/slxdev/browse/index.cfm?id=210&amp;related=2">http://www.songelab.com/slxdev/browse/index.cfm?id=210&amp;related=2</a> | Science, Biology  | 10 to adult             | Free; free "credits" & registration required.              | Web                     | Alex Hayter 9/06/11        | Look at different items, from onions to frog blood, under a virtual microscope.   | learning  |
| Kerpoof  | Kerpoof              | Kerpoof.com   | create storybooks, movies, cards, spell a picture   |                         | free teacher accounts, fee based for individuals           | web                     | Karen Valente 2/12         | easy movie maker! and more!   | constructing, learning                                    |

| GAME NAME  | PUBLISHER  | WEBSITE  | TOPIC OR SKILL   | AGE OR GRADE               | PRICE (US\$)  | Platform                | ENTRY POSTED BY/DATE   | COMMENTS   | Learning or drill?   |
|--|--|--|--|----------------------------|---|-------------------------|--|--|--|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP   | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>  | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...  | K-12                       | Free  | Web                     | Norman Basch 8/18/11   | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.   | learning   |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers  | Wowzers.com  | Mathematics  | 3-5 (6-8 in early 2012)    | Various pricing and licensing options offered                           | Web (flash, html5, iOS) | Updated 8/30/2011  | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar  | Direct instruction combined with constructivist learning.                              |
| KIDiPLAY Match   | Ingengo  | <a href="http://www.kidismart.com">http://www.kidismart.com</a>  | Memory matching game practicing short term visual and auditory memory, perception and concentration; fine motor; language, critical thinking and reasoning skills. | 3 - 8 years old            | \$1.99; Free Lite version available                                     | iPhone/iPa              | Sergei at KIDiSMART.com 8/4/2012   | Match pictures, sounds, or pictures of objects that go together. Optional "freeze match" mode allows for discussion with an adult. Highly customizable for focusing on a particular topic or skill.                      | learning and drill   |
| Ko's Journey   | Imagine Education  | <a href="http://www.kosjourney.com">www.kosjourney.com</a>   | middle school math: ratios, proportions, fractions   | Aligns with 7th Grade CCSS | varies; licensing options for schools and single homeschooled available | web                     | Martha Riecks 1/18/13  | As Ko, the heroine, travels a right of passage journey, students learn about ratios, proportions and more, solving problems that are integrated into the narrative story in terms of context and content.                | Learning   |
| Kodu   | Microsoft  | <a href="http://fuse.microsoft.com/page/kodu.aspx">http://fuse.microsoft.com/page/kodu.aspx</a>  | Game Design and Development, Programming   | 6 - 12                     | free  | Windows, XBox           | kvalente 8/19/11   | drag and drop interface game programming   | constructing, learning   |
| Life Preservers Game, The                                  | Michigan State University GEL Lab (Games for Learning and Entertainment) | <a href="http://www.brainpop.com/games/lifepreservers/">http://www.brainpop.com/games/lifepreservers/</a>  | The Life Preservers gameThe Life Preservers game teaches National Science standards on evolution, adaptation, and the history of life on earth.                    | middle school              | playable for free on BrainPop   | PC/Mac                  | Carrie Heeter 8/25/2011  | The design and study of Life Preservers was supported by a grant from the National Science Foundation (NSF-0217197). For teachers guide, go to <a href="http://lifepreservers.msu.edu">http://lifepreservers.msu.edu</a> | learning, schema development   |
| Light Reaction Game  | Spongelab Interactive  | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=195&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=195&amp;related=2</a>      | Science, Biology, botany   | 10 to adult                | Free; free "credits" & registration required.                           | Web                     | Alex Hayter 9/06/11  | Control the placement of the protein complexes to harness light energy and generate ATP and NADPH.   | learning   |
| Line Gem 1   | FunBasedLearning.com   | <a href="http://funbasedlearning.com/algebra/graphing/lines/default">http://funbasedlearning.com/algebra/graphing/lines/default</a>                            | $y = mx + b$ graphing game   | 7th-10th                   | Free & instant, no installation, no registration required.              | Web (Flash)             | Sulan Dun 8/30/2011  | How many gems can your dragon get? Choose an equation for him to fly and see.  | Learning & drill. Includes story tutorial with the dragon and his kung fu duck master. |
| Lives At War   | Corporation Pop  | <a href="http://lives-at-war.org.uk/index.php">http://lives-at-war.org.uk/index.php</a>  | History WWII   | Grade 8-12                 | Free  | Web                     | Keith Barnes 9/29/2011   | Lives at War is an online virtual reality learning resource designed to support students learning about life on the Home Front in England during World War II.   | Learning   |
| Logical journey of Zoombinis                               | Broderbund   | Can be purchased through several sources including <a href="http://www.smartkidssoftware.com/ndlec138.htm/">http://www.smartkidssoftware.com/ndlec138.htm/</a> | mathematics  | all                        | \$9.99  |                         | Maria Droujkova 8/17/11 Updated with pricing and website information by Shari Vogt 8/18/11 | Helps students develop logical thinking, reasoning, and problem-solving skills   | learning   |

| GAME NAME  | PUBLISHER   | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)   | Platform                | ENTRY POSTED BY/DATE    | COMMENTS   | Learning or drill?  |
|--|---|---|---|-------------------------|--|-------------------------|-------------------------|--|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP  | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies... | K-12                    | Free   | Web                     | Norman Basch 8/18/11    | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.   | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers   | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered  | Web (flash, html5, iOS) | Updated 8/30/2011       | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar  | Direct instruction combined with constructivist learning. |
| Lure of the Labyrinth                                      | Learning Games to Go (LG2G) project, funded by a Star Schools grant from the U.S. Department of Education | <a href="http://labyrinth.thinkport.org/www/index.php">http://labyrinth.thinkport.org/www/index.php</a>   | Mathematics pre algebra   | middle school           | free must register or use your Thinkport user name and password to log on to the game. | PC/Mac                  | kvalente 8/24/11        | middle-school pre-algebra students intriguing math-based puzzles wrapped into an exciting narrative game in which students work to find their lost pet - and save the world from monsters! Linked to both national and state mathematics standards,  | strategy development, learning                            |
| Making History   | Muzzy Lane  | <a href="http://muzzylane.com/project/making_history/edu">http://muzzylane.com/project/making_history/edu</a> and <a href="http://making-history.com/">http://making-history.com/</a> | WW I and WW II History  | Grade 8-20              |  | Mac, Windows            | Richard Carey 2/3/12    | Combining the entertainment of games with the richness of history, MAKING HISTORY lets students interact with the past. It can be played during class or as homework. An entire class, a small group, or an individual student can lead a country. Each style of play provides a different learning experience. Adapt the game to best suit your students' needs. Ties assessment to historic objectives. Students are scored on the economic, diplomatic, military, and industrial strength of their nations. Instructors can set victory conditions and the game's difficulty level. | learning, strategy  |
| Mangahigh  | Blue Duck Education Ltd.  | <a href="http://www.mangahigh.com">http://www.mangahigh.com</a>   | Mathematics   | K-12                    | free   | Mac, Windows            | Karen Kelly 8/31/11     | standards aligned; allows competition between schools; suitable for RTI  | learning, drill, problem solving                          |
| McDonald's   |   | <a href="http://www.mcvideogame.com/index-eng.html">http://www.mcvideogame.com/index-eng.html</a>   | Supply chain management, ethical decisions, environment, retail, land management, marketing         | 4th grade and up        | Free   | Web                     | David Larson 01/26/2013 | The player runs McDonald's from ranch to retail counter. Decisions encompass land use, animal treatment, human resources, marketing, etc. Many variables, difficult to win.  | Learning.   |
| MDG Matters- Get the 8 Straight                            | Molle Industriels<br>TIGames  | <a href="http://www.tigweb.org/games/mdg/">http://www.tigweb.org/games/mdg/</a>   | MDGs (card game)  | 7th - 12th (adults too) | free   | Web (flash)             | Dalia Rashid 17/2/2012  | learn more about the MDGs in a fun way? Test your knowledge while playing our MDG Card Game!   | learning  |

| GAME NAME  | PUBLISHER                 | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE   | PRICE (US\$)   | Platform                | ENTRY POSTED BY/DATE          | COMMENTS  | Learning or drill?  |
|--|---------------------------|---|---|--|--|-------------------------|-------------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                  | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...   | K-12   | Free   | Web                     | Norman Basch 8/18/11          | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                   | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012)  | Various pricing and licensing options offered                  | Web (flash, html5, iOS) | Updated 8/30/2011             | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| MicroWorlds  | LCSI                      | <a href="http://playinghistory.org/">http://playinghistory.org/</a>   | Programming   | Junior package k-4 EX package for 4-12   | \$99 single, lab packs and site licenses avail                 | Mac, Windows            | kvalente 8/19/11              | programming with excellent tutorials  | constructing, learning                                    |
| Mind Match   | TIGames                   | <a href="http://www.tigweb.org/games/mentalhealth/">http://www.tigweb.org/games/mentalhealth/</a>                   | Mental Health Trivia  | 7th - 12th (adults too)  | free   | Web (flash)             | Dalia Rashid 17/2/2012        | Mental Health Trivia game   | learning  |
| Mission US: Part One For Crown or Colony                   | WNET Thirteen/PBS         | <a href="http://www.mission-us.org/pages/mission-1">http://www.mission-us.org/pages/mission-1</a>                   | History/Colonial America/Boston Massacre part 2 about slavery now available.                          | Grades 5-10  | Free   | Internet based, Windows | Dan Boyle 2-2-12              | This is a great way for students to learn about colonial America and to play the role of an apprentice in Boston. The simulation takes the player through the events that led up to the Boston Massacre and how difficult it was for young people to choose sides in the conflict. Teachers can register themselves and then create classes and track the progress of their students during game play.    |   |
| Motion Math  | Motion Math               | <a href="http://motionmathgames.com/">http://motionmathgames.com/</a>   | Mathematics   | 4th grade and up (although the website says children as young as 5 can appreciate it, which I think is true) | \$.99 for the ipod/iphone version; \$2.99 for the ipad version | ipod/iphone             | Kathleen Offenholley 9/8/2011 | Bounce the ball onto the correct place on the bar to represent the size of the fraction, decimal or percent. Fun and engaging. Not just drill and practice, actually teaches concepts of sizes of fractions, decimals and percents, and sizes relative to 1/2. Upper levels include negative fractions and percents, and fractions larger than 1. 2011 International Serious Play Award Gold Medal Winner | learning  |
| Multiplication Quiz Show                                   | Bodine Training Games LLC | <a href="http://www.elearning-games.com/math/">http://www.elearning-games.com/math/</a>                             | Multiplication (numbers up to 12)   | Grades 1-4   | Free   | Web                     | Tom Bodine 2/15/2012          | Two forms of the quiz. One is sequential multiplication drill. The other is random.   | Drill and practice  |
| Mummy Maker  | BBC                       | <a href="http://www.bbc.co.uk/history/interactive/games/mur">http://www.bbc.co.uk/history/interactive/games/mur</a> | History   | 3 - 7  | Free   |                         | Andy Montgomery 8/18/11       | Covers different aspects of how mummies were made and Egyptian religion   | learning  |
| Number Chef  | Hotmath, Inc.             | <a href="http://catchupmath.com/math-games/">http://catchupmath.com/math-games/</a>                                 | Building increasingly large numbers and fractions using whole number ingredients and basic operations | 5 - 9  |  |                         |                               |   |   |

| GAME NAME  | PUBLISHER                           | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE             | PRICE (US\$)                                  | Platform                     | ENTRY POSTED BY/DATE   | COMMENTS  | Learning or drill?  |
|--|-------------------------------------|---|---|--------------------------|---|------------------------------|------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                            | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>           | Collection of great learning games for in and out of the classroom: Science Math, Social Studies... | K-12                     | Free  | Web                          | Norman Basch 8/18/11   | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                             | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012)  | Various pricing and licensing options offered | Web (flash, html5, iOS)      | Updated 8/30/2011      | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| Number Cop   | Hotmath, Inc.                       | <a href="http://catchupmath.com/math-games/">http://catchupmath.com/math-games/</a>   | Action-game requiring quick divisibility calculations   | 4th-12th (teachers, too) | Free  | PC/Mac                       | Chuck Grant 8/30/2011  | Refined and improved over 5 years of successful (and fun) student engagement and enrichment   | Drill (w/engagement)                                      |
| Orange Revolution  | TIGames                             | <a href="http://www.tigweb.org/games/orange/">http://www.tigweb.org/games/orange/</a> | Power & Politics  | 7th-12th (adults too)    | Free  | Web (flash)                  | Dalia Rashid 17/2/2012 | Players will simulate the happenings of the 2004 Orange Revolution. Can you face the challenge and maintain order and peace, or will your decisions cause thousands of protestors to revolt?  | learning  |
| Planet Orange  | ING direct                          | <a href="http://www.orangekids.com/">http://www.orangekids.com/</a>                   | finances  | preK-7                   | free registraqtio (req'd)                     |                              | k valente 2/15/12      |   |   |
| Playing History  | Omexa                               | <a href="http://playinghistory.org/">http://playinghistory.org/</a>                   | Collection of history simulations   | gr. 4-12                 | free  | Web                          | 2/24/2012              | Aggregates info on history games and simulations in a simple, searchable database making it easy to find, rate, and review historical games. There are currently 126 shared games.  |   |
| PowerUp the Game   | TryScience/New York Hall of Science | <a href="http://www.powerupthegame.org">http://www.powerupthegame.org</a>             | STEM  |                          | free  | Windows and Mac OS           | Lynn Scott 11/10/11    | 3D, action strategy, multi-player, free, online game in which students learn about engineering & the environment  |   |
| Practice Marketing   | McGraw-Hill Education               | www.mhpractice.com  | Principles of Marketing (4 Ps)  | Higher Ed                | Various options                               | Windows, Mac (web delivered) | David McCool 1/19/13   | Practice Marketing is the first in a series of 3D, multiplayer business strategy games designed for McGraw-Hill Education's new line of digital learning products. A multiplayer simulation of the backpack industry, Practice Marketing enables students to put their marketing skills to the test in a fun and competitive, real-world environment. |   |
| Quandary   | Learning Games Network              | <a href="http://www.quandarygame.org">http://www.quandarygame.org</a>                 | Developing ethical thinking and decision making   | Ages 8 - 14              | free  | web                          | Lindsey Dunn 12/10/12  | Players aged 8-14 shape the future of a new society while learning how to recognize ethical issues and deal with challenging situations in their own lives.   | Learning  |
| RumbleBlocks   | Carnegie Mellon University          | <a href="http://rumbleblocks.etc.cmu.edu/">http://rumbleblocks.etc.cmu.edu/</a>       | Physics, stable structures, balance   | K-3                      | Free  | web                          | Amos Glenn 11/14/2012  | Players stack different shaped blocks into a tower to help a stranded alien reach his ship, but the tower must survive an earthquake. Includes contrasting cases in some levels.  | Learning  |

| GAME NAME  | PUBLISHER                      | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)  | Platform                 | ENTRY POSTED BY/DATE             | COMMENTS   | Learning or drill?  |
|--|--------------------------------|---|---|-------------------------|---|--------------------------|----------------------------------|--|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                       | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies... | K-12                    | Free  | Web                      | Norman Basch 8/18/11             | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.   | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                        | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered   | Web (flash, html5, iOS)  | Updated 8/30/2011                | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar  | Direct instruction combined with constructivist learning. |
| Scratch  | MIT                            | <a href="http://scratch.mit.edu/">http://scratch.mit.edu/</a>   | Game Design and Development, Programming  | 3 - 12                  | free  | Mac, Windows, Web Player | kvalente 8/19/11                 | drag and drop interface game programming   | constructing, learning                                    |
| Show Business, The Economics of Entertainment              | Federal Reserve Bank of Boston | <a href="http://www.bos.frb.org/entertainment/">http://www.bos.frb.org/entertainment/</a>   | Economics, Personal Finance, Music and Film Industries  | 12 to adult             | free  |                          | Mathew Georghiou 8/17/2011       | Trivia Game style with animated stories of people in history.  | learning  |
| Shuttle Mission Math                                       | Math Playground                | <a href="http://itunes.apple.com/us/app/shuttle-mission-math/id498617241?ls=1&amp;mt=8">http://itunes.apple.com/us/app/shuttle-mission-math/id498617241?ls=1&amp;mt=8</a> | Mathematics - algebraic thinking  | 10+                     | Free  | iPad                     | Colleen King 02/17/12            | Mathematical puzzle game that makes algebraic thinking both visual and interactive.  | Learning  |
| Smarty Ants Reading World                                  | Smarty Ants Inc.               | <a href="http://www.smartyants.com">www.smartyants.com</a>  | English Language Arts   | PK - 2 grade            | Free trial  | PC, MAC, iPad            | Ann Meyer 1/31/13                | Smarty Ants Reading World is a 3D on line virtual world. Students are individually assessed in a swimming pool game & then placed into scope and sequenced instruction. Each lesson they learn affords them multiple learning games/activities plus a reward room which provides them with fun activities that reinforce all the skills they've previously learned. Games include: snowboarding, rock climbing, basketball, dog park race, four square, the gym, and more! | Learning based on assessed ability and temperament        |
| Snap   | From the developers of BYOB    | <a href="http://chirp.scratchr.org/dl/experimental/JsMorphic/n">http://chirp.scratchr.org/dl/experimental/JsMorphic/n</a>   | Game Programming  | Any age                 | Free  | Web - ipad compatible    | 25/2/12                          | A fork of scratch development  | Learn by creating.  |
| Sokikom  | Sokikom                        | <a href="http://www.sokikom.com">www.sokikom.com</a>  | mathematics   | Grades 1-6              | Basic version - FREE. Upgraded versions: classroom license - \$20 per student/year Home license - \$11.95 /month or \$8.33 /month for 6 months. | Web (Flash)              | Updated by Steve Murphey 8/18/11 | Aligned with NCTM focal points and Common Core Standards. Free version offers fractions, wholes/parts, decimals. Upgraded version includes measurement, time and money, algebraic thinking, patterns and operations.   | learning  |



| GAME NAME  | PUBLISHER                  | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)                                      | Platform                   | ENTRY POSTED BY/DATE         | COMMENTS  | Learning or drill?  |
|--|----------------------------|---|---|-------------------------|---|----------------------------|------------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                   | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies... | K-12                    | Free  | Web                        | Norman Basch 8/18/11         | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                    | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered     | Web (flash, html5, iOS)    | Updated 8/30/2011            | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning. |
| Solar System Explorer                                      | Sunaeon                    | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=274&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=274&amp;related=2</a> | Science, biology  | 10 to adult             | Free; free "credits" & registration required.     | Web                        | Alex Hayter 9/16/11          | An interactive 3D model of Planets of Solar System and the Night Sky.   | Learning  |
| Spellathon   | Mencap                     | <a href="http://www.spellathon.net">http://www.spellathon.net</a>   | Spelling practice / school fundraising  | Any age                 | free  | web iPhone iPad Smartboard | Richard Wood 18 January 2012 | Kids from over 90 countries are playing & practicing spelling   | Learning  |
| Spent  | Urban Ministries of Durban | <a href="http://playspent.org/">http://playspent.org/</a>   | Economics, Personal Finance   | 5 - 12                  | Free  |                            | Andy Montgomery 8/18/11      | Get to make tough economic decisions that real working class families have to make. See the immediate results of your decisions   | learning  |
| Spongelab  | Spongelab Interactive      | <a href="http://www.spongelab.com">http://www.spongelab.com</a>   | Science (Biology, Physics, Chemistry)   | K-12                    | Free / with free "credit" system for some content |                            | Alex Hayter 8/18/11          | Science community with graphics, animations, videos & videogames. All-in-one system includes teaching and evaluation system. Content grows with user submissions & Spongelab creations.   | learning  |
| Spore  | EA                         | <a href="http://www.spore.com">www.spore.com</a>  | biology/ adaptations  | Any age                 | \$20  | PC/Mac/we                  | Beth Kappus 1/16/2012        | create creatures and apply thinking skills for survival   | Learning  |
| StencylWorks   | Stencyl                    | <a href="http://www.stencyl.com/">http://www.stencyl.com/</a>   | Game Design and Development, Programming  | 6 - 12                  | free  | Mac, Windows               | kvalente 8/19/11             |   | constructing, learning                                    |
| Sumdog   | Crocodile Clips Ltd.       | <a href="http://www.sumdog.com/">http://www.sumdog.com/</a>   | Mathematics   |                         | Free  | Web                        | Karen Kelly 8/31/11          | Multiplayer games and competitions within the class   | Drill and practice  |
| Supreme Decision   | iCivics                    | <a href="http://www.brainpop.com/games/supremedecision/">http://www.brainpop.com/games/supremedecision/</a>   | Social Studies - Supreme Court  | 6 - 12                  | free  | web                        | Allisyn Levy 3/6/2013        | Ever wondered how the Supreme Court really works? In Supreme Decision, you help cast the deciding vote.   | learning  |
| T.A.L.E.S.   | Textfyre, Inc.             | <a href="https://learn.textfyre.com">https://learn.textfyre.com</a>   | Literacy, Cognitive Thinking, Social Studies, History   | 4 - 8                   | free during developme stage                       | web                        | David Cornelson 3/18/2013    | What if you could take part in history? The Textfyre Adaptive Learning Education Service offers students the opportunity to read and explore history by interacting with a model world using a natural language parser. Our first offering is about Ancient Mesopotamia. T.A. L.E.S. is a part of a start-up work by Textfyre in Chicago. We're looking for teachers and students to offer feedback. If you try the system, click on the UserVoice image to tell us what you think. |   |

| GAME NAME  | PUBLISHER             | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE            | PRICE (US\$)                                  | Platform                | ENTRY POSTED BY/DATE    | COMMENTS  | Learning or drill?  |
|--|-----------------------|---|---|-------------------------|---|-------------------------|-------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP              | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...                         | K-12                    | Free  | Web                     | Norman Basch 8/18/11    | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.        | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers               | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered | Web (flash, html5, iOS) | Updated 8/30/2011       | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar | Direct instruction combined with constructivist learning.           |
| The Battle of Hastings Game                                | BBC                   |   | History   | 5 - 12                  | Free  |                         | Andy Montgomery 8/18/11 | Shows some of the strategies involved in the battle in the Middle Ages and can replay to figure out how each side could have won                          | learning  |
| Transcription Game   | Spongelab Interactive | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=228&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=228&amp;related=2</a> | Science, biology  | 10 to adult             | Free; free "credits" & registration required. | Web                     | Alex Hayter 9/16/11     | Travel down the rails of a DNA sequence, try to transcribe the gene without causing too many mutations, and race against native RNA Polymerase.           | Learning  |
| Translation Game   | Spongelab Interactive | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=229&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=229&amp;related=2</a> | Science, biology  | 10 to adult             | Free; free "credits" & registration required. | Web                     | Alex Hayter 9/16/11     | Go inside the cytoplasm and translate mRNA into protein. Zoom in on the nucleus and compete the translation.  | Learning  |
| TSN2 - The Sports Network 2                                | Classroom Inc.        | <a href="http://www.brainpop.com/games/thesportsnetwork2/">http://www.brainpop.com/games/thesportsnetwork2/</a>   | English Language Arts   | middle school           | free  | web                     | Allisyn Levy 3/6/2013   | The sports media company TSN-2 is losing its teen audience! As Managing Director, you have to find the best way to get them back—and fast.                | Learning  |
| Twist Education  | Twist Education       | <a href="http://www.twistededucation.com">www.twistededucation.com</a>  | A Units Math game. Collection of great learning games for in and out of the classroom: Science and Math                     | 5-8th grade             | \$2.99  | ipod, iphone, ipad      | MA Samuelson 2/24/12    | Featured games aligned by state standards and reinforced by lesson plans. Aligns to TEKS  | Learning, website has free learning resources. Available on iTunes. |
| Vector Tracker   | Twist Education       | <a href="http://www.twistededucation.com">www.twistededucation.com</a>  | A Vector Math game. Learn coordinates! Collection of great learning games for in and out of the classroom: Science and Math | 5-8th grade             | \$2.99  | ipod, iphone, ipad      | MA Samuelson 2/24/12    | Featured games aligned by state standards and reinforced by lesson plans. Aligns to TEKS  | Learning, website has free learning resources. Available on iTunes. |
| Vocab-a-splat  | Seward Inc.           | <a href="http://www.vocabasplat.com/">http://www.vocabasplat.com/</a>   | Vocabulary  | prek-1                  | Free (limited time; \$.99 after that)         | iPad                    | David Porcaro 7/17/2012 | Vocabulary practice, most frequently seen words in print  | drill   |
| vocab-a-splat  | Seward Inc.           | <a href="http://www.vocabasplat.com/">http://www.vocabasplat.com/</a>   | Vocabulary  | prek-1                  | Free (limited time; \$.99 after that)         | iPad                    | David Porcaro 7/17/2012 | Vocabulary practice, most frequently seen words in print  | drill   |
| What Plants Need Game                                      | Spongelab Interactive | <a href="http://www.spongelab.com/slxdev/browse/index.cfm?id=230&amp;related=2">http://www.spongelab.com/slxdev/browse/index.cfm?id=230&amp;related=2</a> | Science, biology  | 10 to adult             | Free; free "credits" & registration required. | Web                     | Alex Hayter 9/16/11     | Learn what happens to plants in green light, or if different gasses are present in the atmosphere.  | Learning  |
| Win the White House  | iCivics               | <a href="http://www.brainpop.com/games/winthewhitehouse/">http://www.brainpop.com/games/winthewhitehouse/</a>   | Presidential Election   | middle school           | free  | web                     | Allisyn Levy 3/6/2013   | Hit the campaign trail and win your 270 electoral votes! Players must raise money, poll voters, and make strategic targeting decisions.                   | learning  |

| GAME NAME  | PUBLISHER      | WEBSITE   | TOPIC OR SKILL  | AGE OR GRADE               | PRICE (US\$)                                  | Platform                        | ENTRY POSTED BY/DATE      | COMMENTS  | Learning or drill?  |
|--|----------------|---|---|----------------------------|---|---------------------------------|---------------------------|---|---|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP       | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...   | K-12                       | Free  | Web                             | Norman Basch 8/18/11      | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.              | learning  |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers        | Wowzers.com   | Mathematics   | 3-5 (6-8 in early 2012)    | Various pricing and licensing options offered | Web (flash, html5, iOS)         | Updated 8/30/2011         | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar       | Direct instruction combined with constructivist learning. |
| Word Joust for K-5   | Root-One       | <a href="http://www.root-1.com">www.root-1.com</a>  | Vocabulary learning   | K-5                        | Free  | Web and iOS                     | Vibhu Mittal/9-8-11       | Learn the 300 most common words for K-5 (as determined by Questar) by playing a series of mini games  | Some mini games are drill and some are learning           |
| Word Joust for SAT   | Root-One       | <a href="http://www.root-1.com">www.root-1.com</a>  | SAT vocabulary  | 10-12 grades               | Free on the web; \$4.99 (iOS)                 | Web and iOS                     | Vibhu Mittal/9-8-11       | Approximately 3500 SAT words learned via game play  | Learning  |
| Word Kungfu  | Root-One       | <a href="http://www.root-1.com">www.root-1.com</a>  | Foreign language learning and meanings  | Kindergarten               | Free  | Web and iOS                     | Vibhu Mittal/9-8-11       | Initial version has about 100 words that schools in Singapore are using; soon to come other language pairs  | Learning  |
| World with out oil   | Writer Guy     | <a href="http://worldwithoutoil.org/start.aspx">http://worldwithoutoil.org/start.aspx</a>   | solving real world problems   | grade 6-12                 | free  | web                             | Beth Kappus 1/16/2012     | solve real world problems   | Learning  |
| Write my name  | Injini         | <a href="https://itunes.apple.com/us/app/write-my-name-by-injini/id500623496?mt=8">https://itunes.apple.com/us/app/write-my-name-by-injini/id500623496?mt=8</a> | Tracing letters to spell names and sight words  | Preschool and kindergarten | 3.99  | Web                             | Hannah McLaughlin 4/26/13 | Letter tracing demonstrated how teachers teach it, voice reads letters, can add pictures to words   | Learning  |
| Xwords   | Root-One       | <a href="http://www.root-1.com">www.root-1.com</a>  | General vocabulary and daily news crosswords  | High school                | Free  | Web (iPad version is available) | Vibhu Mittal/9-8-11       | The web version allows generation of crosswords on demand. The iPad version is much nicer in terms of UI but more limited in terms of crosswords and vocabulary | Learning  |
| You Make Me Sick   | Filament Games | <a href="http://www.filamentgames.com/products/you-make-me-sick">http://www.filamentgames.com/products/you-make-me-sick</a>                                     | Explain some of the ways that people can avoid bacterial and viral infection.<br>Describe the anatomy and functions of bacteria and viruses.<br>Describe how bacteria and viruses reproduce and carry out life functions.<br>Evaluate how lifestyle choices and environments (e.g., tobacco, drug, and alcohol use, amount of exercise, quality of air, and kinds of food) affect the immune system in the human body.<br>Collaborate with other students to generate creative solutions to a problem, and apply methods for making trade-offs to choose the best solution. | Ages 11 through 14         | playable for free on the website              |                                 | chayes 8/24/201           | This project funded by an SBIR grant from the Department of Education. This game is UDL enhanced for students with learning disabilities and ELL students.      | strategy development, learning                            |

| GAME NAME  | PUBLISHER                                     | WEBSITE   | TOPIC OR SKILL   | AGE OR GRADE            | PRICE (US\$)                                  | Platform                | ENTRY POSTED BY/DATE     | COMMENTS  | Learning or drill?   |
|--|---|---|--|-------------------------|---|-------------------------|--------------------------|---|--|
| COMMUNITY SPONSOR! GameUp - a collection of free edu-games | BrainPOP                                      | <a href="http://www.brainpop.com/games/">http://www.brainpop.com/games/</a>   | Collection of great learning games for in and out of the classroom: Science Math, Social Studies...  | K-12                    | Free  | Web                     | Norman Basch 8/18/11     | Featured games aligned by state standards and reinforced by lesson plans, related BrainPOP animated movies & quizzes, graphic organizers and more.  | learning   |
| COMMUNITY SPONSOR! Wowzers Virtual World                   | Wowzers                                       | Wowzers.com   | Mathematics  | 3-5 (6-8 in early 2012) | Various pricing and licensing options offered | Web (flash, html5, iOS) | Updated 8/30/2011        | Core online content, aligned with CCSS and NCTM and all 50 states; engaging virtual world where students utilize problem based learning through an avatar   | Direct instruction combined with constructivist learning.                                    |
| Zombie Slasher   | Twist Education                               | <a href="http://www.twistededucation.com">www.twistededucation.com</a>        | A Scientific Notation game; Twist offerings include a collection of great learning games for in and out of the classroom: Science and Math | 5-8th grade             | \$2.99  | ipod, iphone, ipad      | MA Samuelson 2/24/12     | Featured games aligned by state standards and reinforced by lesson plans. Aligns to TEKS  | Mostly drill, website has free learning resources. Available on iTunes.                      |
| Zondle   |   |   | Any topics   | Any age                 | Free  | Web                     | Wayne Holmes 8/31/2011   | Play any topic (there are thousands to choose from, or you can create your own) in almost any game. Teachers can monitor student progress. Simplified interface available for younger learners. Become a guru.  | Mostly drill, but if students are encouraged to create their own topics it can be much more! |
| Zoo U  | 3-C Institute for Social Development/SELmedia | <a href="http://www.selmediainc.com/zoou">http://www.selmediainc.com/zoou</a> | Social skills assessment   | 3rd-4th grade           | varies starting at \$49.95 /year/class        | Web                     | Susan Gallagher, 2/11/13 | Funded by SBIR grant from the Department of Education. Uses stealth assessment to intelligently assess students' initial social skill level as well as their progress. Scaffolds difficulty levels and pedagogical assistance for personalized assessment and learning. | Assessment and learning  |