

## Why is gaming important?

Board games, video games, and online gaming can be both fun and educational for children of all ages. Games can give children a safe place to practice the following skills that they will need throughout their lives:

- New educational concepts;
- Social skills (i.e. taking turns, sharing);
- Eye-hand coordination

In this brochure you will find the results of a five week student generated analysis of online educational games. We hope that you find this information helpful and can use it to assist your child with their educational experience.

Websites for gaming are listed in the four tested areas for elementary students: math, reading, science, and social studies.

"Children's games are hardly games. Children are never more serious than when they play."  
-Montaigne

## Social Studies

### Problem Solving

- <http://www.socialstudiesforkids.com/>
- <http://www.gamequarium.com/socialstudies.htm>
- <http://classroom.ic-schools.net/basic/socst.html>

### Adventure

- <http://www.bbc.co.uk/schools/ks2bitesize/english/reading/deduction/play.shtml>
- <http://www.classbraingames.com/category/grab-bag-games/adventure-games/>

### Inquiry

- <http://www.siec.k12.in.us/~west/proj/lincoln/treasure.htm>
- <http://www.americaslibrary.gov/>

### Simulation

- <http://www.mission-us.org/>
- <http://ssad.bowdoin.edu:9780/projects/flighttofreedom/intro.shtml>

Sponsored By: Danville Schools  
UK P-20 Digital Game Based Learning  
Innovation Lab  
Danville Schools Education Foundation  
• 2010 Jaymie Ross - DKU .



## DANVILLE KIDS UNIVERSITY GameQuest 2010

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Grades 3-5*

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## Math

### Problem Solving

- Ⓞ <http://www.gamequarium.com/problemsolving.html>
- Ⓞ <http://www.onlinemathlearning.com/problem-solving-math-games.html>
- Ⓞ <http://www.adrianbruce.com/problem-solving/problem-solving.htm>

### Adventure

- Ⓞ <http://www.kidsnumbers.com/st-pats-math-adventure.php>
- Ⓞ <http://www.knowledgeadventure.com/games/math-lines.htm>

### Inquiry

- Ⓞ <http://mathplayground.com/games.html>
- Ⓞ <http://mathplayground.com/workproblems.html>
- Ⓞ <http://mathplayground.com/logicgames.html>

### Simulation

- Ⓞ <http://www.learn4good.com/games/simulation.htm>

## Reading

### Problem Solving

- Ⓞ <http://www.learningtoday.com/corporate/reading-games.asp>
- Ⓞ <http://pbskids.org/martha/games/scrapbook/index.html>
- Ⓞ <http://pbskids.org/lions/games/>

### Adventure

- Ⓞ <http://pbskids.org/martha/games/crazyvehicle/index.html>
- Ⓞ <http://pbskids.org/martha/games/radiomartha/index.html>
- Ⓞ <http://www.thelostlunchbox.com/>

### Inquiry

- Ⓞ <http://pbskids.org/arthur/games/factsopinions/factsopinions.html>
- Ⓞ <http://www.bbc.co.uk/schools/ks2bitesize/english/reading/dictionaries/play.shtml>
- Ⓞ <http://www.primarygames.com/contractions/start.htm>

### Simulation

- Ⓞ [http://www.bbc.co.uk/schools/ks2bitesize/english/reading/non\\_fiction/play.shtml](http://www.bbc.co.uk/schools/ks2bitesize/english/reading/non_fiction/play.shtml)

## Science

### Problem Solving

- Ⓞ <http://resources.kaboose.com/games/science.html>
- Ⓞ <http://classroom.ic-schools.net/basic/science.html>
- Ⓞ <http://www.bbc.co.uk/schools/ks2bitesize/science/>

### Adventure

- Ⓞ <http://www.primarygames.com/arcade/virtualworlds/secretbuilders/index.htm>

### Inquiry

- Ⓞ <http://pbskids.org/arthur/games/groovygarden/groovygarden.html>
- Ⓞ <http://www.fossweb.com/module/s3-6/index.html>

### Simulation

- Ⓞ <http://phet.colorado.edu/en/simulation/natural-selection>
- Ⓞ <http://phet.colorado.edu/en/simulation/states-of-matter>
- Ⓞ <http://www.jason.org/public/whatis/games.aspx>