Gaming and Learning

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Is there anything to this?

Research: Ongoing and rich!


Keyword: gaming in education
Date Range: 2017-2018
Articles returned: 17,800
My Journey
As an educator

Classroom Teacher for 14 years
I didn’t want to be bored either!

<table>
<thead>
<tr>
<th>WHERE</th>
<th>near Prairie Wells</th>
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| WHAT  | • Last night, a member of your wagon train did not dig a trench for his family's fire.  
• Some glowing embers flew away from the fire and started a prairie fire!  
• You might have to spend all night and most of today fighting the fire unless you can extinguish it quickly. |
| WHO   | every Character #4 |
| REQUIRED ACTION | Extinguish the fire in less than 2 minutes... by completely coloring a sheet of paper with blue marker |
| YOUR FATE | Too late: -20 points for wasting a travel day  
Lose 1 water barrel & all your twine |

https://www.teachinteract.com

https://www.tes.com/lessons/Ua8C4TJmvthH6Q/lego-robotics
The potential they have for learning:

- More than knowing facts. Instead can lead to conceptual understandings.
- Support inquiry-based learning and allow for simulated labs, field trips.
- They appeal to young students who live in a digital world.
- Fun is a great motivator of learning.

National Research Council (2011)
Simulations vs Games

https://phet.colorado.edu
Board Games and Learning
Board Games and Learning

https://www.geniusgames.org/

https://www.academygames.com
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Thank you

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