Digital Schools: How Technology Can Transform Education

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Teacher Uses of Digital Technology in Classes

- Homework: 58%
- Feedback: 38%
- Collaboration: 32%
- Assessment: 16%

Percentage
Khan Academy Video
Math Video Games

Space Race

**Overview**

**To Play**
Fly over the correct answer to boost your spaceship. How quickly you answer correctly determines how fast your ship will go. Whoever crosses the finish line first wins!

Up to 4 players can play at once. To begin, you need to create a new game for your friends to join, or join a game that a friend created.
South Korea Robots
Online Course Achievement

Algebra Test Scores

Virtual Schools: 710
Traditional Schools: 688
Student Retention

Ability to Recall Information

<table>
<thead>
<tr>
<th>Method</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>10</td>
</tr>
<tr>
<td>Hearing</td>
<td>20</td>
</tr>
<tr>
<td>Visuals</td>
<td>30</td>
</tr>
<tr>
<td>Simulation</td>
<td>90</td>
</tr>
</tbody>
</table>
Mastery on Class Questions

Accuracy of Student Responses

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Tweeted Questions</th>
<th>Untweeted Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-20</td>
<td>43</td>
<td>43</td>
</tr>
<tr>
<td>20-40</td>
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<td>40-60</td>
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<tr>
<td>60-80</td>
<td>87</td>
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<tr>
<td>80-100</td>
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</tbody>
</table>

Tweeted Questions: 87%
Untweeted Questions: 43%
Teacher Dashboard

![Teacher Dashboard Image]
DC School Performance

[Chart showing school performance data with bars for Reading and Math]
Integrated Change

Content  Assessment  Innovation  Real-Time Analytics

Collaboration
Available at Amazon.com