Breaking through the barriers underway and picking up speed

The technology transformation of education is making a big difference. Technology’s evolving role in education impacts everyone involved in education, but what do the numbers say?

## Technology’s evolving role in education

### Breakthrough

- 20% of teachers believe that technology is an essential learning asset.
- 81% of teachers believe that technology can engage students.
- 74% of teachers believe that technology can encourage students to collaborate.

### Impact on learning

- 61% of teachers believe that technology can help students to have fun.
- 80% of parents and 75% of teachers believe that technology makes a big difference.

### Adoption

- 63% of teachers believe that technology can help students to be more creative.
- 81% of teachers believe that technology can help students to learn new things.

### Future

- 84% of teachers believe that technology will continue to impact education.
- 88% of parents and 90% of kids believe that technology will continue to impact education.

## Differing motivations and expectations

### Students' device preferences in classrooms vary by age

<table>
<thead>
<tr>
<th>Grade</th>
<th>Tablet</th>
<th>Laptop</th>
<th>Desktop</th>
<th>Smartphone</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-2</td>
<td>53%</td>
<td>56%</td>
<td>54%</td>
<td>26%</td>
</tr>
<tr>
<td>3-5</td>
<td>45%</td>
<td>47%</td>
<td>45%</td>
<td>22%</td>
</tr>
<tr>
<td>6-8</td>
<td>33%</td>
<td>36%</td>
<td>33%</td>
<td>24%</td>
</tr>
<tr>
<td>9-12</td>
<td>29%</td>
<td>30%</td>
<td>28%</td>
<td>32%</td>
</tr>
</tbody>
</table>

## Financial pressures

- 63% of teachers report that the funding is lacking at the school/district level.
- 41% of teachers think that the funding is lacking at the state level.
- 81% of teachers believe that funding is a major barrier.

## Classroom integration issues

- 61% of teachers believe that technology training is lacking.
- 41% of teachers believe that technology training is lacking at the state level.
- 82% of teachers believe that technology training is needed.

## Technology impacts everyone

- 75% of teachers believe that technology impacts everyone involved in education.
- 88% of parents and 94% of students believe that technology impacts everyone involved in education.
- 90% of kids believe that technology impacts everyone involved in education.

## Bridge the gap

- 75% of students believe that technology bridges the gap between in-school and after-school learning.
- 88% of parents and 90% of students believe that technology bridges the gap between in-school and after-school learning.
- 90% of kids believe that technology bridges the gap between in-school and after-school learning.

## Brand importance

- 82% of other parents believe that technology is a major brand attribute.
- 84% of teachers believe that technology is a major brand attribute.
- 94% of parents believe that technology is a major brand attribute.

## Top 3 motivations for learning

<table>
<thead>
<tr>
<th>Students</th>
<th>Parents</th>
<th>Teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Playing video games</td>
<td>Meeting parents’ expectations</td>
<td>To develop student skills</td>
</tr>
<tr>
<td>Watching videos</td>
<td>Encouraging parents’ expectations</td>
<td>To engage students</td>
</tr>
<tr>
<td>Using apps</td>
<td>Encouraging parents’ expectations</td>
<td>To have fun</td>
</tr>
</tbody>
</table>

## Summer learning

- 50% of students say that at least one digital learning material will be available for a summer learning brand.
- 42% of teachers believe that at least one digital learning material will be available for a summer learning brand.
- 75% of teachers believe that at least one digital learning material will be available for a summer learning brand.

## Student engagement

- 90% of kids believe that technology makes a big difference.
- 88% of parents and 90% of students believe that technology makes a big difference.
- 90% of kids believe that technology makes a big difference.

## Top 3 type of digital education materials for their students learning in school?

<table>
<thead>
<tr>
<th>Type of Material</th>
<th>Students</th>
<th>Parents</th>
<th>Teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Games</td>
<td>79%</td>
<td>80%</td>
<td>81%</td>
</tr>
<tr>
<td>Reading</td>
<td>61%</td>
<td>64%</td>
<td>63%</td>
</tr>
<tr>
<td>Videos</td>
<td>57%</td>
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## Top 3 type of digital education materials for use at home, with teacher recommendation during the summer

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</thead>
<tbody>
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<td>50%</td>
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</tr>
<tr>
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<td>45%</td>
<td>45%</td>
<td>45%</td>
</tr>
<tr>
<td>Videos</td>
<td>40%</td>
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<td>40%</td>
</tr>
</tbody>
</table>

## New technology and experiences

- 63% of students believe that teachers are the best source of information on new technology and experiences.
- 88% of parents and 90% of students believe that teachers are the best source of information on new technology and experiences.
- 90% of kids believe that teachers are the best source of information on new technology and experiences.

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</tr>
</tbody>
</table>

## Trusting teachers

- 72% of teachers believe that their students trust them.
- 82% of teachers believe that their students trust them.
- 90% of kids believe that their students trust them.

## Future

- 61% of teachers believe that technology will continue to impact education.
- 88% of parents and 90% of students believe that technology will continue to impact education.
- 90% of kids believe that technology will continue to impact education.

## Conclusion

- 81% of teachers believe that technology is a key tool for preparing students for the jobs of the future.
- 81% of teachers believe that technology is a key tool for preparing students for the jobs of the future.
- 90% of kids believe that technology is a key tool for preparing students for the jobs of the future.

## Deloitte

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