Teaching Complex Thinking Survey
134 responses

What is your role in your school?
134 responses

Which content area do you teach? Choose the most appropriate answer.
134 responses
If an educator, which grade level do you teach? Choose the most appropriate answer.

134 responses

- 22.4% Preschool
- 22.4% Elementary School
- 44.8% Middle School
- 6.3% High School
- 6.3% Higher Education
- 0% I am not a classroom teacher.

### Availability and Use of Technology

How often do you integrate technology in your classroom?

134 responses

- 56.2% Every day
- 23.1% A few times a week
- 6.3% Once a week or less
- 3.0% A few times a month
- 6.3% Rarely
- 0% I am not a classroom teacher.
What technology is available to you at your school/building? Check all that apply.

134 responses

<table>
<thead>
<tr>
<th>Technology</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 1 tech</td>
<td>39</td>
<td>29.1%</td>
</tr>
<tr>
<td>iPad or laptop</td>
<td>89</td>
<td>66.4%</td>
</tr>
<tr>
<td>Computer lab</td>
<td>85</td>
<td>63.4%</td>
</tr>
<tr>
<td>iPads or laptops</td>
<td>45</td>
<td>33.6%</td>
</tr>
<tr>
<td>Smart board</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>Students computer</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>use of thin</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>Promethea</td>
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<td>0.7%</td>
</tr>
<tr>
<td>Classroom</td>
<td>1</td>
<td>0.7%</td>
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<tr>
<td>personal ta</td>
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<td>0.7%</td>
</tr>
<tr>
<td>Cell phone</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>Student Resource</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>Applets off</td>
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<td>0.7%</td>
</tr>
<tr>
<td>Computer lab</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>Classroom</td>
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<td>0.7%</td>
</tr>
<tr>
<td>Laptop cart</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>WFI, comp</td>
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<td>0.7%</td>
</tr>
<tr>
<td>Student hand</td>
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<td>0.7%</td>
</tr>
<tr>
<td>Projector/control</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>teacher with</td>
<td>1</td>
<td>0.7%</td>
</tr>
<tr>
<td>assistive tech</td>
<td>1</td>
<td>0.7%</td>
</tr>
</tbody>
</table>

Familiarity & Experiences With Teaching Complex Thinking

Were you introduced to the concept/wicked problem of teaching complex thinking (NOT critical thinking) in your teacher preparation program, graduate school, professional development or other continued education opportunities?

134 responses

- 54.5% Yes, I learned about complex thinking in my teacher prep...
- 18.7% Yes, I learned about it through my own interests/p...
- 16.4% I have heard of it before, but I never have truly learned ab...
- 9.7% I do not recall ever learning about complex thinking or t...
- 9.7% program of study was Occupational Therapy
How familiar are you with the wicked problem of teaching COMPLEX THINKING, not to be confused with critical thinking?

134 responses

How challenging is it to teach complex thinking?

134 responses
How effective is your content area in teaching complex thinking?

134 responses

- 21 responses (15.7%)
- 17 responses (12.7%)
- 56 responses (41.8%)
- 30 responses (22.4%)
- 10 responses (7.5%)

How effective is your school in teaching complex thinking?

134 responses

- 23 responses (17.2%)
- 28 responses (20.9%)
- 68 responses (50.7%)
- 13 responses (9.7%)
- 2 responses (1.5%)
For each of the following complex thinking skills or teaching methods, please indicate how difficult you feel it is to incorporate them in your classroom.
Which complex thinking skills do you think are the most important for students to develop to become successful 21st century thinkers? Select up to three.

134 responses

- Technology literacy: 35 (26.1%)
- Problem solving: 78 (58.2%)
- Problem-based learning: 19 (14.2%)
- Visualization: 24 (17.9%)
- Communication: 48 (35.8%)
- Authentic operations: 18 (13.4%)
- Coding / computer science: 17 (12.7%)
- Inference skills: 17 (12.7%)
- Computation: 6 (4.5%)
- Opportunities for choice: 3 (2.2%)
- Opportunities for engagement: 7 (5.2%)