Improving Student Learning
One Principal at a Time:
Walkthroughs & Observations
Jane E. Pollock, Ph.D.
www.learninghorizon.net

Goal:
improving student engagement & achievement
by improving teaching

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Ave. Effect Size (ES)</th>
<th>Percentile Gain</th>
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</thead>
<tbody>
<tr>
<td>2. Identifying Similarities and Differences</td>
<td>1.61</td>
<td>+45%</td>
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<tr>
<td>3. Summarizing and Note Taking</td>
<td>1.00</td>
<td>+34%</td>
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<tr>
<td>4. Reinforcing Effort and Providing Recognition</td>
<td>.80</td>
<td>+29%</td>
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<tr>
<td>5. Homework and Practice</td>
<td>.77</td>
<td>+28%</td>
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<tr>
<td>6. Nonlinguistic Representations</td>
<td>.75</td>
<td>+27%</td>
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<tr>
<td>7. Cooperative Learning</td>
<td>.73</td>
<td>+27%</td>
</tr>
<tr>
<td>8. Setting Objectives and Providing Feedback</td>
<td>.61</td>
<td>+23%</td>
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<tr>
<td>9. Generating and Testing Hypothesis</td>
<td>.61</td>
<td>+23%</td>
</tr>
<tr>
<td>10. Questions, Cues and Advanced Organizers</td>
<td>.59</td>
<td>+22%</td>
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Classroom Instruction That Works: Research-Based Strategies for Increasing Student Achievement by Robert J. Marzano, Debra J. Pickering, and Jane E. Pollock (2001)
Feedback increases learning

Lesson Planning

- **G** - set a goal  
  chapters 8/4 (C/TW)
- **A** – access prior knowledge  
  chapters 6/7/10
- **N** – new information (d or p)  
  chapters 3/5and 11
- **A** – apply thinking/practice  
  chapters 2/9/10 and 5
- **G** – goal review, grade  
  chapters 8/4

Homework/Assessment

Increase feedback

- Objective Score Sheet  
  Students self assess and engage with lesson goals and objectives (standards)
- Interactive Notebook  
  Students interactively take notes to make learning visible while using high yield strategies and maximizing feedback
- Clipboard  
  Teachers scoring live or track student progress to the goals and objectives, providing formative assessment
Feedback:
The Hinge

Feedback is the hinge that swings the information about goals and progress between teacher and student.

J. E. Pollock, 2012

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Jane, former ESL and classroom teacher, has served as a district administrator and at McREL Laboratory. She manages long-term projects worldwide to improve teaching and supervision in order to improve student learning.


Jane authored Improving Student Learning One Teacher at a Time (2007) and Feedback: the Hinge that Joins Teaching and Learning (2011). Her current manuscript pending publication is i5: teaching innovation (2013).

From Caracas, Venezuela, Jane earned degrees at the University of Colorado and Duke University.

Publications – Pollock J.E.

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