**Scientifically Based Research vs. Evidence Based Practices and Instruction**

Scientifically based research is the process by which instructional practices become evidence based.

![Diagram](center border:lightgreen; padding:10px;)

<table>
<thead>
<tr>
<th>Scientifically Based Research</th>
<th>Evidence Based Practice &amp; Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Definition</strong></td>
<td>A program or instructional practice that is evidence based has gone through rigorous research and has demonstrated a record of success; there is reliable, trustworthy and valid evidence to suggest the program is effective; evidence supporting the practice should be scientifically based.</td>
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<tr>
<td><strong>Resources</strong></td>
<td>Other common labels:</td>
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<tr>
<td>- Technical Assistance Alliance for Parent Centers: <a href="http://www.taalliance.org/resources/Research.asp">http://www.taalliance.org/resources/Research.asp</a></td>
<td>- Exemplary Programs</td>
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<tr>
<td>- The Center for Comprehensive School Reform and Improvement: <a href="http://www.centerforcsri.org/index.php?option=com_content&amp;task=view&amp;id=204&amp;Itemid=5">http://www.centerforcsri.org/index.php?option=com_content&amp;task=vie w&amp;id=204&amp;Itemid=5</a></td>
<td>- Effective Programs/Instruction</td>
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<tr>
<td>- The Access Center: <a href="http://www.k8accesscenter.org/training_resources/reasearchapproach.asp">http://www.k8accesscenter.org/training_resources/reasearchapproach.asp</a></td>
<td>- Proven Programs</td>
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<td></td>
<td>- Science/Research-based programs</td>
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<td></td>
<td>- “What Works”</td>
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</tbody>
</table>

3. The Elementary and Secondary Education Act [34 CFR 300.33] [20 U.S.C. 1411(e)(2)(C)(xi)] [sec. 9101(37) of the ESEA]
4. International Reading Association www.reading.org “What is Evidence Based Reading Instruction?”
5. Hood, International Reading Association