Two education initiatives in Ohio, the Pairwise Mentoring System and the Baldrige Approach for School Improvement, show promise for raising the achievement of K-12 students. As busy educational leaders who are expected to lead change efforts in their schools, preservice and inservice administrators can benefit by seeing the connections between new initiatives rather than by viewing them as add-ons. Pathwise and Baldrige are both frameworks that are based on research and proven practice. This paper summarizes their basic components and similarities, and presents an effort, in chart form, to align the 7 Baldrige categories with the 19 criteria in the 4 Pathwise domains. The paper also explores ways to integrate the study of Pathwise and Baldrige within the educational administration program. (SLD)
Balancing Research-Based Initiatives: Help for the Practitioner

Judith A. Zimmerman, Ph.D.
Bowling Green State University
Room 511 Education Building
Bowling Green, OH 43403
419-372-9476
judithz@bgnet.bgsu.edu
Abstract

Two education initiatives in Ohio, the Pathwise Mentoring System and the Baldrige Approach for School Improvement, show promise of raising the achievement of K-12 students. As busy educational leaders who are expected to lead change efforts in their schools, preservice and inservice administrators can benefit by seeing the connections between new initiatives rather than viewing them as add-ons. Pathwise and Baldrige are both frameworks that are based on research and proven practice. This paper/presentation summarizes their basic components and similarities, and the author's work to align the seven Baldrige Categories with the 19 criteria in the four Pathwise Domains. The paper/presentation also explores ways to integrate the study of Pathwise and Baldrige within the educational administration preparation program.
Balancing Research-Based Initiatives: Help for the Practitioner

Two education initiatives in Ohio, the Pathwise Mentoring System and the Baldrige Approach for School Improvement, show promise of raising the achievement of our students. As busy educational leaders who are expected to lead change efforts in their schools, preservice and inservice administrators can benefit by seeing the connections between new initiatives rather than viewing them as “add-ons”. This paper/presentation summarizes the basic components and similarities of the two initiatives, and the author’s work to align the seven Baldrige Categories with the 19 criteria in the four Pathwise Domains. The paper/presentation also explores ways to address the study of Pathwise and Baldrige within the educational administration preparation program.

Ohio Department of Education Teacher Licensure Requirements

Beginning in the fall of 2002, all entry year teachers (EYTs) in Ohio must successfully complete an entry year program and pass the PRAXIS III (performance) assessment before they are issued a five-year professional license (Division of Professional Development and Licensure, 1999). Mentor teachers must receive training, through the use of a system such as Pathwise, in how to support and provide feedback to EYTs in order to prepare them for this performance assessment (Division of Professional Development and Licensure).

Pathwise Mentoring System

Pathwise is built on a framework of 19 essential teaching skills, clustered into four domains, as defined by professional educators (Pathwise Orientation Guide, 1995). The criteria represent the knowledge, skills and abilities possessed by the accomplished teacher. Beginning teachers, in consultation with their mentors, use the developmental cycle of plan, teach, reflect, and apply to identify their teaching strengths and areas for growth.
The Pathwise Domains

Domain A – Organizing Content Knowledge for Student Learning
1. Becoming familiar with relevant aspects of students’ background knowledge and experiences
2. Articulating clear learning goals for the lesson that are appropriate to the students
3. Demonstrating an understanding of the connections between the content that was learned previously, the current content, and the content that remains to be learned in the future
4. Creating or selecting teaching methods, learning activities, and instructional materials or other resources that are appropriate to the students and that are aligned with the goals of the lesson
5. Creating or selecting evaluation strategies that are appropriate for the students and that are aligned with the goals of the lesson

Domain B – Creating an Environment for Student Learning
1. Creating a climate that promotes fairness
2. Establishing and maintaining rapport with students
3. Communicating challenging learning expectations to each student
4. Establishing and maintaining consistent standards of classroom behavior
5. Making the physical environment as safe and conducive to learning as possible

Domain C – Teaching for Student Learning
1. Making learning goals and instructional procedures clear to students
2. Making content comprehensible to students
3. Encouraging students to extend their thinking
4. Monitoring students' understanding of content through a variety of means, providing feedback to students to assist learning, and adjusting learning activities as the situation demands.

5. Using instructional time effectively.

Domain D – Teacher Professionalism

1. Reflecting on the extent to which the learning goals were met

2. Demonstrating a sense of efficacy

3. Building professional relationships with colleagues to share teaching insights and to coordinate learning activities for students


Ohio Baldrige in Education Initiative (BiE IN)

Ohio is one of six Baldrige in Education States (Ohio Department of Education, 2001).

The Ohio BiE IN State Leadership Team is using the Baldrige Approach for School Improvement to raise student achievement, assess progress, and hold the education system accountable for results. Baldrige, like Pathwise, is also based on sound theory and proven practice (Ohio Department of Education).

What is Baldrige?

Baldrige has become a generic term used to describe a systemic framework of quality concepts designed to improve the overall effectiveness of any organization by raising expectations, building capacity, and improving results for all the stakeholders (Ohio Department of Education, 2001).
"Although the Baldrige Education Criteria Framework is intended to address all organizational requirements...emphasis is placed on teaching and learning....sharing of successful teaching and learning strategies and methods would have the greatest impact on the nation's education improvement" (National Institute of Standards and Technology, 2000, p.9).

The Baldrige Categories

The seven Baldrige Categories describe the essential elements of an integrated management system.

1. Leadership requires leaders to set and communicate direction consistent with stakeholder requirements.
2. Strategic Planning translates stakeholder needs into goals, measures and action plans.
3. Student and Stakeholder Focus defines the aim of the district, school or classroom.
4. Information and Analysis provides the foundation of aligned decision-making in all areas of the system.
5. Human Resource Focus examines how the district, school or classroom enables workers to develop and utilize their full potential.
6. Educational and Support Process Management addresses how educational products and services are designed, implemented and improved.
7. Performance Results examines the district, school or classroom performance in key areas. (Shipley, 2000, pp. 9 - 15).

How Does Baldrige Relate to What Goes On in the Classroom?

"Any effort to improve student learning must, of course, impact the classroom. The principles underlying the Baldrige Education Criteria for Performance Excellence are applicable at all levels of the educational system, including the classroom" (Mitchell, 1999, p. 69).
Using the Baldrige Categories and the Pathwise Domains provides a framework for teachers to translate into classroom action the plan, do, study, act (PDSA) cycle of continuous improvement and the developmental cycle of plan, teach, reflect, and apply. For example, a teacher and his/her students can identify a classroom process to be improved ("Baldrige Category 6 – Educational and Support Process Management" and "Pathwise Criterion D1 – Reflection on the Extent to Which the Learning Goals Were Met"). The teacher and class can develop a flow chart to describe the current process and then determine an improvement strategy to use. Next, they will monitor the process and analyze the data gathered from the monitoring process. After the process improvement data have been collected, analyzed, and acted upon, the planning for process management and improvement begins again (Shipley & Caldwell, 2000, pp.41 - 47).

The following chart represents the author’s attempt to align the seven Baldrige categories with the 19 criteria in the four Pathwise Domains. The chart developed by Mitchell (1999, pp. 70 – 76) for teachers’ self-assessment of their use of the Baldrige categories in their classrooms was use as a foundation.
### Comparison of Baldrige Categories to Pathwise Domain Criteria

<table>
<thead>
<tr>
<th>Baldrige Category</th>
<th>Baldrige Category Descriptions</th>
<th>Pathwise Domain Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Leadership</strong></td>
<td>Works with students to write classroom mission statement</td>
<td>B3</td>
</tr>
<tr>
<td><strong>Leadership</strong></td>
<td>Uses quality principles, such as PDSA, in daily classroom operations</td>
<td>D1</td>
</tr>
<tr>
<td><strong>Leadership</strong></td>
<td>Progress toward goals aligned with School Improvement Plan is regularly reviewed, displayed and communicated to students and parents</td>
<td>C4 &amp; D4</td>
</tr>
<tr>
<td><strong>Leadership</strong></td>
<td>Joins with parents and other groups to continually improve classroom, school and community efforts</td>
<td>D3 &amp; D4</td>
</tr>
<tr>
<td><strong>Leadership</strong></td>
<td>Ensures ethical practices in all student interactions</td>
<td>B1 &amp; B4</td>
</tr>
<tr>
<td><strong>Leadership</strong></td>
<td>Establishes a learning environment that promotes equity and safety for all students</td>
<td>B1 &amp; B5</td>
</tr>
<tr>
<td><strong>Strategy Development Process</strong></td>
<td>Involves students in planning designed to identify and meet the educational needs of the classroom and the School Improvement Plan</td>
<td>A1 &amp; A2</td>
</tr>
<tr>
<td><strong>Strategy Development Process</strong></td>
<td>Provides for the development of classroom goals and measures that are aligned to the next grade level expectations and the School Improvement Plan</td>
<td>A3</td>
</tr>
<tr>
<td><strong>Strategy Development Process</strong></td>
<td>Allocates time and resources consistent with the goals and measures of the classroom plan</td>
<td>A4 &amp; C5</td>
</tr>
<tr>
<td><strong>Strategy Development Process</strong></td>
<td>Develops a plan that includes stretch goals which focus on student achievement</td>
<td>C3</td>
</tr>
<tr>
<td><strong>Customer Focus</strong></td>
<td>Incorporates customer requirements in the development of improvement objectives for the classroom</td>
<td>A2, D3</td>
</tr>
<tr>
<td><strong>Customer Focus</strong></td>
<td>Uses next grade/level/course expectations as a basis for classroom goals</td>
<td>A3 &amp; D3</td>
</tr>
<tr>
<td><strong>Customer Focus</strong></td>
<td>Has provided for building and maintaining positive customer relationships</td>
<td>D3 &amp; D4</td>
</tr>
<tr>
<td><strong>Customer Focus</strong></td>
<td>Regularly assesses the levels of customer satisfaction and dissatisfaction as a means of identifying improvement opportunities</td>
<td>D3 &amp; D4</td>
</tr>
<tr>
<td><strong>Information and Analysis</strong></td>
<td>Stays informed on district &amp; school issues, trends, and operations and uses these to support &amp; monitor classroom goals</td>
<td>D2</td>
</tr>
<tr>
<td><strong>Information and Analysis</strong></td>
<td>Has appropriate information systems to routinely monitor classroom results and support plans for academic and operational improvement</td>
<td>A5 &amp; C4</td>
</tr>
<tr>
<td><strong>Information and Analysis</strong></td>
<td>Uses comparison data to assess the rate of classroom improvement</td>
<td>C4</td>
</tr>
<tr>
<td><strong>Information and Analysis</strong></td>
<td>Provides the students with timely information and materials to increase student/classroom performance</td>
<td>C1</td>
</tr>
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<tr>
<td>Human Resources Development and Management</td>
<td>Encourages the use of cooperative approaches and student teams in developing student-led processes</td>
<td>C1 &amp; C2</td>
</tr>
<tr>
<td>Human Resources Development and Management</td>
<td>Has systems in place to recognize student contributions toward achieving school &amp; classroom goals</td>
<td>C4</td>
</tr>
<tr>
<td>Human Resources Development and Management</td>
<td>Has systems in place to train &amp; educate students in key classroom processes</td>
<td>B4 &amp; C1</td>
</tr>
<tr>
<td>Human Resources Development and Management</td>
<td>Assesses, monitors, and improves the level of student involvement, well-being, and satisfaction with classroom &amp; learning processes</td>
<td>A1 &amp; B2</td>
</tr>
<tr>
<td>Process Management</td>
<td>Uses a standardized process to design, deliver and improve teaching and learning processes (PDSA)</td>
<td>D1</td>
</tr>
<tr>
<td>Process Management</td>
<td>Creates a physical classroom environment that supports the achievement of learning goals</td>
<td>B5</td>
</tr>
<tr>
<td>Process Management</td>
<td>Systematically monitors and continually improves classroom support processes</td>
<td>A5 &amp; C4</td>
</tr>
<tr>
<td>Process Management</td>
<td>Communicates to suppliers (i.e., previous level/course instructors, schools, parents) what is needed from them for student success</td>
<td>D3 &amp; D4</td>
</tr>
<tr>
<td>Performance Results</td>
<td>Gathers student baseline data</td>
<td>A1</td>
</tr>
<tr>
<td>Performance Results</td>
<td>Asks, “How do our results compare to similar classrooms?”</td>
<td>A5 &amp; C4</td>
</tr>
<tr>
<td>Performance Results</td>
<td>Classroom academic performance results are improving</td>
<td>A5 &amp; C4</td>
</tr>
<tr>
<td>Performance Results</td>
<td>Classroom management results (i.e., attendance, transition times, referrals) are improving</td>
<td>B1, B4 &amp; C5</td>
</tr>
<tr>
<td>Performance Results</td>
<td>Student involvement and satisfaction results are improving</td>
<td>B2 &amp; C1</td>
</tr>
<tr>
<td>Performance Results</td>
<td>Customer satisfaction results are improving</td>
<td>D3 &amp; D4</td>
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</table>
Educational Administration Preparation Programs

Professors in educational administration programs have a responsibility to provide preservice and inservice administrators with the knowledge and skills that will help them to meet expectations in their positions as educational leaders. Integrating the study of recent educational mandates and initiatives within the administrative courses of study could help to fulfill that responsibility. In Ohio, teacher preparation programs already address the PRAXIS and Pathwise Criteria. Because it is important for administrators to support their entry year teachers, preparation programs for administrators should also address these crucial teacher licensure issues. In supervision courses, it would seem appropriate, particularly in Ohio, to incorporate Pathwise information into lessons dealing with entry year teachers. Likewise, a focus on Baldrige would be natural when discussing change frameworks or strategic planning in courses that concentrate on the principalship or educational administration in general.

Conclusion

Busy educational leaders can benefit by seeing how the implementation of different educational initiatives can complement each other. The Pathwise Mentoring System and the Baldrige Approach for School Improvement are both frameworks that are based on research and proven practice. Both use developmental and continuous improvement cycles grounded in reflective practice to help improve instruction and student achievement. Addressing the study of initiatives, such as Pathwise and Baldrige, within preparation programs is needed to adequately prepare aspirants for the realities that they will face as educational leaders.
References


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Printed Name/Position/Title: Asst. Professor
Judith A. Zimmerman

Organization/Address: Bowling Green State Univ.
Bowling Green, OH 43403

Telephone: 419-372-9476 FAX: 419-372-8448
E-Mail Address: judithz@bgsu.edu
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