Foundations for Transformation In Education: Linking Purpose, People and Process

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Executive Summary:
Our first white paper “Foundations for Transformation”\(^1\) described a model for cultural transformation primarily from the viewpoint of business and industry. The purpose of this paper is to describe how this model applies to the education of children.

There are many stakeholders for any school or education system, all of whom would like to see better results. Simultaneously, students, teachers and administrators (at all levels of an organization) deserve and want meaningful purpose in how they contribute to on-going learning.

As with business, schools have attempted some type of improvement effort intended to “fix” education, and most teachers and students in schools have experienced attempts to introduce and implement different approaches. And as with business, the experience has been a series of programs (flavors of the month\(^2\)) rather than the pursuit of a philosophy of improvement.

We have observed five mindsets in organizations that attempt to create a culture of continual improvement. These mindsets do not necessarily appear in a linear fashion.

**Mindset 1 – The Quick Win**

Many people view education “results” as synonymous with “student achievement.” This is often narrowly defined as academic achievement as measured by standardized tests. Examples of these are: ACT, state testing, the Program for International Student Assessment (PISA), National Assessment of Educational Progress (NAEP), or SMARTER Balanced Assessment (SBA). These measures are important and are often the only measures by which schools are judged publicly; however, they are not the only important results.

Education is also charged with ensuring many more intangible things. Graduates of the K-12 system are expected to be strategic problem solvers, to value learning as a lifelong key to success, and to be prepared for their next steps in life. Large scale tests that measure these things tend to be cumbersome and are rarely given in schools, if at all, and individual organizations often find they must create their own measures and metrics to some of the most important work that education is charged with accomplishing.

As with other industries, dissatisfaction with current results leads to a search for solutions. This search might come in the form of articles, best-selling books, consultants, conferences, and visits to other schools. The search for better results leads to the discovery of tactical methods and techniques. We’ll call these “tools.” Many times, this leads to some apparent improvement – either from the methods themselves, or the mere focus on the problem and desire for results.\(^3\) This “quick win” mindset is summarized in Figure 1.

Use of tools and techniques is not wrong, they are important components of any transformation effort. The initial use of tools and methods may be necessary to reverse the negative trend (stop the bleeding), but the introduction of tools

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\(^2\) One cause for the “flavor of the month” phenomenon can be found in our 3\(^{rd}\) White Paper: [http://bit.ly/IEXPracticalWisdom7](http://bit.ly/IEXPracticalWisdom7)

\(^3\) Management’s focus on results can, by itself, lead to improvement in results. But the effect could be temporary if management’s removes the spotlight of focus. This has been called the “Hawthorne Effect” [https://en.wikipedia.org/wiki/Hawthorne_effect](https://en.wikipedia.org/wiki/Hawthorne_effect). Brian Joiner, author of *Fourth Generation Management* pointed out that there are three ways to get better figures: 1. Improve the system, 2. Distort the system, or 3. Distort the figures.

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(solutions) without a good understanding of the problems you are trying to solve will not lead to sustained improvement. This mindset can also produce other unintended consequences.

We’ve asked many organizations what behaviors commonly result from the “quick win” focus. Here’s a sample of the responses:

- teaching “to the test,”
- focus on tasks to meet state or federal mandates,
- resistance,
- lack of ownership,
- distrust,
- the feeling that “this too shall pass,”
- decreased empowerment,
- ambivalence.

We’ve also asked, “what are we sustaining, maintaining and promoting?” Some of the common answers are:

- a “top/down” hierarchy,
- lack of respect for the learners and the teachers,
- disengagement,
- people waiting to be told what to do,
- attrition.

We have asked people about the cost of the “quick fix” approach. Here are some common responses:

- engagement in learning,
- passion for teaching,
- time,
- people (who need to be replaced),
- the knowledge that these people take with them,
- value to the stakeholders and community,
- ability to learn,
- loyalty,
- reputation.

**Mindset 2 – The Comfort of the Comfort Zone**

Efforts from Mindset 1 often produce some measurable improvement, which can result in a desire to broaden the use of these techniques in other parts of the organization. The tools are “pushed” into existing systems, and we’ve noticed that the systems will often “push back.” This seems to happen for at least two reasons: 1) because people are a part of the existing systems, there may be some resistance from lack of “buy in” or ownership, and 2) the newly introduced tools and methods may be incompatible with the systems as they are built on different principles (the principles are also a part of the systems). A common outcome is that the performance will revert to the original level.

This prompts the search for the next promising tool, or sometimes renaming the effort. We call this repeated pursuit (or renaming) of tools the “comfort of the comfort zone” illustrated by Figure 2. Another term for this phenomenon is “flavor of the month” and “the next new wonderful thing we must all follow.”

There seem to be two categories of efforts:

1) **Ideas that come primarily from educators** with the intent of improving student outcomes. It seems that once something has the label of “best practice” or “research-based” educators are quick to try to copy it. Principle-based

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leadership would not invalidate these approaches but would rather suggest that the evidence be used to select the solution most appropriate to the problem identified. Some examples of these “fads over time” are:
* Writing Across the Curriculum
* Timed tests
* Left-right Brain Strategies
* Self-esteem
* Cultural Literacy
* Multi-culturalism

2) Educators have been subjected to legislation on: Educator Effectiveness, No Child Left Behind, Voucher Schools, School Choice, Charter Schools, to name just a few. These mandates and programs seem to be geared toward “fixing” education, and most come from federal or state government. These “fixes” are rarely introduced by educators, but rather by politicians, whose motive may be different from the principles upon which a school stand. Whether the idea comes from educators or well-intended politicians, it is interesting to note that the overall rate of improvement stays relatively flat.

When we have asked school administrators and teachers what behaviors are commonly driven by the “comfort of the comfort zone,” we received some interesting responses:
- complacency,
- teaching (but little learning),
- endurance,
- “wait it out” attitude,
- resentment,
- status quo,
- lack of challenge (not raising the bar).

For many schools, this is their culture – vacillating between Mindset 1 and Mindset 2. For these organizations, management does not change the way they think, what they believe, and how they manage. The counter-clockwise direction is the “program” path. For many organizations, this is the extent of their journey. They do not go beyond Mindset 2.

**Mindset 3 – No Why, Know Why (The Power of Purpose)**
Some leaders feel that there has got to be a better way, and in these organizations a radically different path is pursued. To understand what causes some educators and administrators to pursue this different path requires some understanding of what Beckhard, Harris and Gleicher call the “change equation.” All three of these components must be present to overcome the resistance to change in an organization: 1) dissatisfaction with the present situation, 2) a vision of what is possible in the future and, 3) achievable first steps towards reaching this vision.

It is also helpful to understand the difference between eustress and distress. Figure 3 shows the type of stress compared versus individual performance level. Eustress is defined as “moderate or normal psychological stress interpreted as being beneficial for the experiencer.” Eustress occurs when the gap between what one has and what one wants is slightly pushed, but not overwhelmed. The goal is not too far out of reach but is still slightly more than one can handle. Eustress has a significantly positive correlation with life satisfaction and hope. However, experiencing chronic stress, either in the form of distress or eustress, is negative.  

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5 A more complete list of these strategies can be found at this link: [http://bit.ly/educationfads](http://bit.ly/educationfads)

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In schools that successfully understand and manage the change equation, enough positive eustress is created to move in a totally different (clockwise) direction. One critical discovery on this pathway is the power of purpose illustrated in Figure 4. Purpose is more than “true north measures,” pursuing strategic initiatives, or bolted-on mission, vision and value statements that are rarely used or referenced. An organization’s purpose statement is simple, succinct and easily understood by all. The statement answers this question: “What is the need in society that this organization meets?” The purpose is not better grades or test results – that is an outcome (what you GET). We elaborate on this point in our ninth white paper “True, True North.”

Both students and teachers want purpose in their lives. Why do people get out of bed and come to school? What gives their life meaning? When a school’s purpose aligns with the purpose of the individuals at all levels of the organization, then alignment and engagement are not difficult to achieve.

Here are some examples of some organizations that have discovered and leveraged the power of purpose in their transformation journey:

- AutoLiv - “We Save Lives”
- US Synthetic - “We Improve Lives”
- Southwest Airlines - “We connect people to what’s important in their lives”
- Sandoval Regional Medical Center - “Putting You First”
- Leander Independent School System – “Leading to a Bright Future”

Some useful concepts about the power of purpose can be found by studying the work of Simon Sinek who identified what he called the “golden circle” that helps us find order and predictability in human nature – in other words, why people do what they do. Figure 5 illustrates the golden circle concept which starts with the middle circle - it starts with “why.” What is the company’s (or school’s) purpose, cause or belief? Why do people get out of bed to come to school? Why do people care? The next circle is “how” – how will we bring the purpose to life? The outside circle is the “what.” “Why” is the belief, “how” is the actions we will take to realize that belief, and “what” describes the results of those actions. Sinek transforms the circle into a cone and demonstrates the similarity between this shape and the typical hierarchical shape in an organization. At the tip of the cone (the why) you should find the school’s administration, who articulate the purpose, the vision. The “how” level typically includes the teachers who are inspired by the why and work on the how – to bring the purpose to life. The “how” level represents the group that builds the infrastructure (systems) that will make the why tangible. The “what” level represents the those at the student-teacher, and student-student interface. This is where value-added activities occur. If the things happening at the what level do not clearly represent why the school exists and are not guided by how the why is made tangible, then the ability to

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8 https://trueinternorth
9 https://www.autoliv.com
10 http://www.ussynthetic.com
11 https://www.southwest.com
12 http://unmsrmc.org
13 http://www.leanderisd.org
inspire and connect at the student and teacher level is severely limited. We build upon this cone structure in our tenth white paper “Side (By Side) Management.”

Some important questions to ask are: “what is the purpose of education?” and “what is the purpose of OUR school?” Education was originally designed to meet the needs of the very small community in which the school existed. It was intended to develop children into the next generation of teachers, blacksmiths, farmers, merchants, etc. that the community needed to thrive once the current generation retired. In truth, the purpose has not changed: the purpose of schools is still to meet the needs of the community in which schools exist. What has changed is the community. Where once schools were preparing students for life within a few miles’ radius, now “community” is the entire world. The role of schools is to prepare students to enter the global community. This broad definition is why it is challenging for schools to state a purpose. Depending on who is asked, the purpose of a school may be defined very differently by the narrow lens through which that person or group views what is needed from the next workforce.

**Mindset 4 – Discovering Principles and Ideal Behaviors (Both/And not Either/Or)**

Administrators and teachers who go beyond the “tool based” and “program” pathway will discover that an entirely different set of principles will need to be learned. One of the most difficult steps will be “unlearning” (unwinding) many of the beliefs and assumptions that people have learned in school and in the workplace. They will discover that the world view that drives most of our way of thinking about business, education, government and most everything is the “machine” view. The world view that is replacing the prevailing view has been called the “web” or “system” view (see Figure 6).

The change has been occurring for decades, and is most clearly evident by studying the phenomenon of sustained improvement over time shown by companies like Toyota, Honda and others in the use of what is being called “lean.” We can trace the origin of these efforts to the post World War II efforts where thought leaders like W. Edward Deming, Joseph Juran and Peter Drucker brought new knowledge to the country of Japan where leaders like Kiichiro and Eiji Toyoda, Shigeo Shingo and Taichi Ohno coupled this new knowledge with their own knowledge and created a fundamentally different management philosophy and principles of management. We explore the evolution of this new world view in our second white paper “Evolving World View.” One of the thought leaders who has been exploring the use of these concepts in education is David Langford.

Here is a list of some of the important business principles of enterprise excellence, grouped into domains of 1) alignment, 2) enabling and 3) improvement.

**Align**
- Constancy of purpose
- Provide value to the customer
- Think systemically

**Enable**
- Lead with humility

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16 Sally J. Goerner, *After the Clockwork Universe*, 2001
18 Koichi Shimokawa and Takahiro Fujimoto, *The Birth of Lean*, 2009
20 [http://www.langfordlearning.com](http://www.langfordlearning.com)
21 These twelve principles can be attributed to a number of thought leaders and sources including the Shingo Institute, Lean Enterprise Institute, W. Edwards Deming, Stephen Covey, Taichi Ohno, and Shigeo Shingo. More information can be found in our twelfth white paper at this link: [http://bit.ly/stoeckdeming2014](http://bit.ly/stoeckdeming2014)

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- Respect every individual
- Learn continuously

**Improve**
- Focus on process
- Provide quality at the source
- Flow and pull value
- Understand and manage variation
- Embrace scientific thinking
- Seek perfection

The difference between the principles of the prevailing style of management and the approach based on these guiding principles is profound. For instance, the prevailing style of management views the organization as a set of parts that should be managed separately. The prevailing belief is that if all of the parts of the organization operate efficiently and productively, then the organization as a whole will be efficient and productive. This additive view of management is incompatible with a systemic view. A detailed explanation of the differences between the prevailing principles of management and the principles of enterprise excellence is beyond the scope of this paper. We explore this in more detail in our fifth, sixth and seventh white papers. 22 Our eleventh white paper “A Pracademic’s Guide to Strategy Deployment” 23 also describes some of the fundamental differences between the principles of the prevailing style of management and the principles of enterprise excellence. The reader can go to this footnote to learn more. 24

Here are some key points about these guiding principles:
1. Principles are not the same as “values.” Every individual develops their values early on in life. They are personal, subjective and govern the individual’s behavior.
2. Principles are universal truths that govern everyone and govern consequences.
3. Not understanding or ignoring these guiding principles will put a company out of business (some faster than others).
4. Understanding these principles will help to identify ideal behaviors or key behavior indicators (KBI’s). These ideal behaviors function like “leading indicators” for the desired results which are “lagging indicators.” See Figure 7.
5. Understanding these principles help to adjust systems and select appropriate tools, which helps to deliver better results (key performance indicators – KPI’s). Refer to Figure 7.
6. Learning these principles (and unlearning existing beliefs and principles) is a challenging and life-long task. Understanding the way that we think, including our mental maps, and the distinction between hard-wire and working memory will be critical. 25

In addition to guiding principles of enterprise excellence, it is also possible (and helpful) to identify guiding principles for learning. Table 1 (next page) is a summary of some of the primary thought leaders in childhood education, the key principles and how they are aligned with the guiding principles of enterprise excellence.

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Table 1 Guiding Principles of Education\textsuperscript{26}

<table>
<thead>
<tr>
<th>RESEARCHER</th>
<th>CONCEPT</th>
<th>PRINCIPLE OF ENTERPRISE EXCELLENCE</th>
<th>EDUCATION PRINCIPLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rita Pierson\textsuperscript{27}</td>
<td>Kids don’t learn from people they don’t like.</td>
<td>Respect Every Individual</td>
<td>Build positive relationships</td>
</tr>
<tr>
<td>Peter Drucker\textsuperscript{28}</td>
<td>What gets measured gets improved.</td>
<td>Create Value for the Customer</td>
<td>Create value for the student</td>
</tr>
<tr>
<td>Willard Dagget\textsuperscript{29}</td>
<td>Relevance makes rigor possible.</td>
<td>Learn Continuously</td>
<td>Ensure relevant content</td>
</tr>
<tr>
<td>Lev Vygotsky\textsuperscript{30}</td>
<td>What children can do together today, they can do alone tomorrow.</td>
<td>Think Systemically</td>
<td>Promote quality collaboration</td>
</tr>
<tr>
<td>Jean Piaget\textsuperscript{31}</td>
<td>Play is the work of childhood.</td>
<td>Embrace Scientific Thinking</td>
<td>Foster [organic] problem solving</td>
</tr>
<tr>
<td>John Dewey\textsuperscript{32}</td>
<td>We do not learn from experience, we learn from reflecting on experience.</td>
<td>Focus on Process</td>
<td>Reflect on learning</td>
</tr>
<tr>
<td>John H Flavell\textsuperscript{33}</td>
<td>Thinking about thinking.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thomas Guskey\textsuperscript{34}</td>
<td>If the feedback you offer your students doesn’t include guidance on how to improve, it won’t make a difference.</td>
<td>Flow and Pull Value</td>
<td>Provide meaningful feedback</td>
</tr>
<tr>
<td>Richard DuFour\textsuperscript{35}</td>
<td>The fundamental purpose of schools is learning, not teaching.</td>
<td>Create Constancy of Purpose</td>
<td>Create a learning environment</td>
</tr>
<tr>
<td>Robert Marzano\textsuperscript{36}</td>
<td>Students who can identify what they are learning significantly outscore those who cannot.</td>
<td>Seek Perfection</td>
<td>Make expectations clear.</td>
</tr>
<tr>
<td>Carol</td>
<td>In differentiated classrooms, teachers begin where students</td>
<td>Understand and Manage Variation</td>
<td>Differentiate based on student need</td>
</tr>
</tbody>
</table>

\textsuperscript{26} Compiled by Dr. Holly Prast, PhD, Kimberly Area School District

\textsuperscript{27} \url{http://bit.ly/RitaPierson_TED}


\textsuperscript{29} DeWitt, P (2012) Rigor, Relevance & Relationships: An Interview with Bill Daggett


\textsuperscript{31} Piaget, J. (2013) Play, dreams and imitation in childhood.

\textsuperscript{32} Dewey, J (1938) Experience & Education.

\textsuperscript{33} Flavell, J., Green, F., & Flavell, E. (2000) Young Children’s Knowledge About Thinking


Tomlinson are, not the front of a curriculum guide.

Socrates I cannot teach anybody anything. I can only make them think. Lead with Humility Let students own the learning experience

Grant Wiggins and Jay McTighe When we truly understand, we can explain, interpret, apply, empathize, have perspective, have self-knowledge. Assure Quality at the Source Establish an effective guaranteed curriculum

Mindset 5 – Putting the Pieces Together (A Way of Being)
Administrators and teachers who understand the interactions of all parts of the model will realize the following points as illustrated in Figure 8:

1. Working towards “true, true north” includes understanding what we want to SEE (Purpose), what we need to DO (ideal behaviors – KBI’s) and what we want to GET (key performance measures – KPIs). More information on this point can be found in our ninth white paper “True, True North.” One challenge in education is the many stakeholders that have an opinion regarding the three elements of true north. If you were to ask 100 different people about the purpose, KBIs and KPIs, you will likely get 100 different answers. In health care, the answer may be more straight-forward “zero preventable deaths.” In manufacturing the consensus might be, “more product at less cost.” What is the purpose of education? Local districts are left to determine purpose, KBIs and KPIs as they apply within their setting. Understanding and managing that variation becomes critically important is foundational for education as well.

2. Appropriate roles and responsibilities need to be understood and re-aligned. In most organizations, administration is adjusting the systems, and the managers (or in education, the teachers) own the tools and the students have no true ownership of their part in the model. Education is being done “to” them, not with them. This means that no-one is responsible for understanding or owning principles. With better alignment, the administrator or principal would understand and use the guiding principles. Teachers would oversee systems, and the students would own and use the tools. A teacher’s ultimate job would be to teach the students how to best use the tools so that they can "own" their learning. The goal is for students to have all the tools they need to solve problems and challenges they will encounter throughout life.

3. Systems drive behaviors. If you want different (ideal) behaviors, you need to have the right systems. Understanding systems and how to adjust them is critical knowledge that is discussed in our eighth white paper “Systems By Design.”

4. Improvement comes from the influence of both individuals and from systems, and better results through ideal behaviors. It’s “both/and” not “either/or.”

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40 We use the guide of 80/20 with these roles and responsibilities. E.g. the leaders are primarily (80%) responsible for principles. Leaders do own some systems (like strategy deployment) and they do own some tools (like x-matrix).
41 The word “modulate” may be more precise from a natural science perspective. Systems are not the only factor that modulate behaviors. For instance, a person’s values will influence behaviors, as well as what gets measured, rewarded and recognized.
5. There is a model for sustainability (summarized in Figure 8) and a model for velocity (see Figure 9). It is important to use and understand both. More information about the velocity model can be found in our fifth, sixth and seventh white papers.\(^\text{22}\)

6. Executives and managers can use their knowledge of the model to assess the current state of their systems by observing the frequency, intensity, duration, scope and role of ideal behaviors. They can use this information to determine how to adjust key systems to get better results through ideal behaviors.

7. There is a model for deployment\(^\text{43}\) that can help administrators who wish to apply this knowledge every day in their organization in order to bring their purpose to life.

**Climate and Culture**

The purpose of the sustainability model is to create a sustainable “way of being” that helps the organization achieve its purpose through ideal behaviors in order to achieve the ideal results. We describe the relationship between climate and culture in Figure 10.

What a leader believes about the way the world works will drive their behavior. For instance, if leaders believe that the way to get results is to focus on results, this will show up as a focus on measurable results in their behaviors. This will set the climate (the tone and mode) for the organization. There is a “macro climate” for the organization as whole, as well as “micro climates” at the department level. In other words, any leader sets a climate that will affect the culture.

We define culture as the sum of the behaviors that are exhibited by the people who are trying to achieve results. For instance, if the primary way that people (leaders, managers and front-line) achieve results is through fire-fighting, work-arounds and heroic efforts, then that defines the culture. People will respond rationally to the climate that is set by leadership and will create systems (both formal and informal) accordingly. These systems will drive the behaviors which define the culture.

Here are some key points regarding the “People” component of the Sustainability model:

1. The quality of the relationship between each person and their immediate supervisor is pivotal. Marcus Buckingham, states it as follows, “The talented employee may join a company because of its charismatic leaders, its generous benefits, and its world-class training programs, but how long that employee stays and how productive he is while he is there is determined by his relationship with his immediate supervisor.”\(^\text{44}\)

2. Research from 2015 provided by Gallup, Inc. indicated managers account for 70% of the variance in employee engagement.\(^\text{45}\)

3. A recent study by Google researches discovered that what makes a great team is not who is on the team, but rather how the team members interact, how they structure their work and how they view their contributions.\(^\text{46}\) This conclusion should not come as a surprise, as this was pointed out by both W. Edwards Deming\(^\text{47}\) and Russell Ackoff\(^\text{48}\)


\(^\text{44}\) Marcus Buckingham, *First Break All The Rules*


\(^\text{48}\) Russell Ackoff, *Systems Thinking For Curious Managers*
decades ago. The best parts do not make the best system, what matters is their alignment toward purpose and quality of the interactions. This knowledge applies to social systems as well as mechanical systems.

4. The Google research also discovered five keys that make an effective team, the primary factor being “psychological safety” defined as “team members feel safe to take risks and be vulnerable in front of each other.” Again, this should not come as a surprise. Deming pointed out the need to drive fear out of the workplace, and Patrick Lencioni described the importance of creating trust and team member vulnerability.

5. Engaging employees is only the beginning. In a 2015 Harvard Business Review article, authors Eric Garton and Michael Mankins stated as follows, “The problem is that the typical manager today is generally great at hitting his or her numbers, while only a small minority have mastered the art of inspirational leadership. As a result, they are unable to manage individuals to their full potential, build and lead truly great teams, and connect a team or individual’s mission to the company’s overall purpose.”

6. Learning more about emotional intelligence, social intelligence, and leadership vertigo can provide guidance to managers who wish to improve the environment and relationships in their sphere of influence.

7. What are the implications for schools and education? It seems that the quality of relationships between student and student, student and teacher, and teacher and administrator determine the basic foundation that makes continuous improvement in learning and education possible.

Summary:

1. Most organizations (including schools) that pursue better business results do so through a series of mindsets (the “quick fix” and “comfort of the comfort zone”) which results in a program approach and maintains the status quo.

2. Some organizations pursue a radically different (but accessible) pathway through understanding a more complete model for personal and organizational transformation. This alternative pathway produces sustainable desired results through ideal behaviors and can become the organization’s philosophy – a way of being.

3. Some key discoveries along this pathway include: the power of purpose, new principles for management that are required, the power of systems to drive ideal behaviors, proper alignment of roles and responsibilities, “true north” is more than key business results, and improvement comes from both better results through ideal behaviors and contributions from the individual and the systems (it’s “both/and” not “either/or”). An environment of psychological safety in an organization determine the necessary conditions for success.

4. Development of the knowledge needed for transformation must be led by top management in a manner that is organic (experimentation and learning) not mechanical (top – down). A useful TED talk video featuring Rita Pierson is a helpful resource.

5. Leading with humility and learning continuously may be two of the most difficult guiding principles to grasp and master. Most of what we have learned in school and on the job comes from an outdated view of the world as a machine. The new world view sees the world as a system. Dr. Deming stated the challenge this way: “Survival is not compulsory. Improvement is not compulsory, but improvement is necessary for survival.”

We are indebted to the recommendations and subject-matter contributions from Dr. Holly Prast, PhD., Assistant Superintendent, Learning Services, Kimberly Area School District, Kimberly, Wisconsin.

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52 One definition of emotional intelligence: “the capacity of individuals to recognize their own, and other people’s, emotions, to discriminate between different feelings and label them appropriately, and to use emotional information to guide thinking and behavior.” https://en.wikipedia.org/wiki/Emotional_intelligence
53 One definition of social intelligence: “the capacity to effectively navigate and negotiate complex social relationships and environments.” https://en.wikipedia.org/wiki/Social_intelligence

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Our White Paper Series:
Our first white paper “Foundations for Transformation: Linking Purpose, People and Process”\(^1\) describes the common patterns that we have observed as executives and managers have attempted to create a culture of continuous improvement in their organization. Many find themselves trapped in a cycle of “program of the month” approaches that never seem to produce the sustainable transformation of management that is necessary. However, there are some who desire to break away from this pattern and wish to switch the direction of their efforts by understanding the power of purpose, as well as learning and practicing new principles of management. We adjusted this paper to represent the application of these concepts in education.\(^6\)

Our second white paper “Evolving World View: Implications for All Industries, Including Healthcare and Education”\(^9\) describes the sources of knowledge that will be needed to manage effectively in the twenty-first century. We described how the world view is changing from the “machine age” mindset that has driven the traditional “plan, command and control” approach, to a “systems view.” We explain the evolution of thinking that is the foundation for the principles of enterprise excellence.

Our third white paper “Practical Wisdom for Addressing Problems”\(^2\) describes the practical benefits of understanding the difference between convergent and divergent problems, including what we can reasonably expect from ourselves and from others when attempting to address the important problems of management. The tendency for most executives and managers is to look to recipes and formulas to tell us what to do – a prescription for how to deploy a lean management system. There is no recipe, formula or prescriptions. But there is knowledge that can guide our actions.

Our fourth white paper “One Approach to Deploying a Purpose and Principle-Driven Transformation”\(^4\) shares our current thinking about “deploying a cultural transformation” based on the knowledge and contributions of many thought leaders, as well as observing patterns in organizations from many industries that are attempting and succeeding at a cultural and management transformation.

Our fifth white paper “Principles for Personal and Organizational Transformation – Align”\(^22\) describes the principles behind the IEX model, specifically those principles primarily focused on aligning the improvement efforts so that individuals can have a clear “line of sight” between the work they do every day and how it connects to and supports the organization’s purpose.

Our sixth white paper “Principles for Personal and Organizational Transformation – Enable”\(^22\) describes the principles behind the IEX model, specifically those principles primarily focused on enabling people to be engaged in and improve their work systems.

Our seventh white paper “Principles for Personal and Organizational Transformation – Improve”\(^22\) describes the principles behind the IEX model, specifically those principles primarily focused on improving the work.

Our eighth white paper “Systems By Design”\(^42\) describes the importance of design and redesign of key systems, in particular supporting systems of alignment, enabling and improvement. We describe a method, including a “system standard” that can help any executive and manager design and redesign key systems that will help them contribute to their organization’s purpose.

Our ninth white paper “True, True North”\(^8\) describes the benefits of more fully understanding True, True North and how this can avoid the trap of the narrow definition of True North only as measures. This matters because without this understanding the pursuit of true north can merely be “management by results” in disguise.


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Our tenth white paper “Side (by Side) Management” describes a more useful view of the traditional hierarchy model, and the implications for connecting strategy deployment to daily management in order to provide value to customers, as well as facilitating true knowledge creation in the organization.

Our eleventh white paper “A Pracademic’s Guide to Strategy Deployment” describes some of the history of strategy deployment, and proposed definitions as well as some of the observations and ten lessons learned in the creation and use of a strategy deployment system.

Our twelfth white paper “Understanding and Application of Dr. Deming’s System of Profound Knowledge in Healthcare” is a reprint of a presentation from the 2014 Deming Research Symposium.

Our thirteenth white paper “Understanding and Misunderstanding Variation in Healthcare” is a reprint of a presentation from the 2015 Deming Research Symposium.

Our fourteenth white paper “Performance Evaluation – How is this still a thing?” is a reprint of a draft proposal for the 2016 Deming Research Symposium.

Our fifteenth white paper “Managing for Daily Improvement” describes one of three primary systems that organizations often create in order to build a sustainable culture of continuous improvement based on the guiding principles of enterprise excellence. We describe how any manager might experiment to create a system that helps to manage for daily improvement.

Our sixteenth white paper “Leader Standard Work – A Personal Management System” describes how any manager can create and improve a system that helps them to connect their daily work to the strategies of the organization and to the daily improvement system for which they may also be responsible for.


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The Institute For Enterprise Excellence
The Institute for Enterprise Excellence (IEX) was established in 2013 as a research, education and coaching institution that focuses on helping organizations build principle-based architecture to achieve world-class results.

We bring purpose to life by advancing the use of practical application of principles, systems and tools in pursuit of enterprise excellence.

What differentiates us is our Principle-based Deployment Model, the culmination of many years of application experience and continuous research in the field of behavior and performance.

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