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## **Marzano Levels of School Effectiveness**

August 2012



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## Marzano Levels of School Effectiveness

The five levels of school effectiveness outlined below are based on Robert J. Marzano's publications, research, and practical experiences working with teachers, schools, and districts in every state in the nation over a thirty-year period of time. Movement of a school through these levels is intended to produce a system that has "high reliability" regarding each level for which the school has successfully demonstrated it satisfies the criterion indicators (i.e., lagging indicators). In effect, when a school has met the criterion indicators for a specific level in the model, it consistently monitors those indicators and makes immediate corrections when school performance falls below acceptable levels.

The leading indicators for each level can be considered more qualitative evidence that a school is at or approaching a specific level. The criterion indicators (lagging indicators) for a given level can be considered the minimally acceptable levels of performance that must be satisfied for a school to be deemed as reliable for that specific level.

As a school moves through the levels, it becomes reliable relative to more variables and becomes more transformational in its approach to educating its students. At the highest level (i.e., level 5) a school has made a dramatic shift in the way it "does business" and can guarantee that every student has mastered specific content necessary for success in the 21<sup>st</sup> century.

Some general guidelines to follow when using this model that are not directly addressed in this outline include:

- Schools can and should work on the leading indicators for multiple levels simultaneously, especially for levels 1, 2, and 3.
- The teacher evaluation system used in a school should directly support attainment of the levels in the model. (See the Marzano Teacher Evaluation System for examples.)
- The school leader evaluation system used in a school should directly support attainment of the levels in the model. (See the Marzano School Leader Evaluation System for examples.)

# **Level 1: A Safe and Orderly Environment That Supports Cooperation and Collaboration**

## **Leading Indicators:**

### **(1) The faculty and staff perceive the school environment as safe and orderly.**

#### *Examples:*

- When asked, faculty and staff describe the school as a safe place
- When asked, faculty and staff describe the school as an orderly place
- Clear and specific rules and procedures are in place for the running of the school
- Faculty and staff know the emergency management procedures and how to implement them for specific incidents
- Evidence of practicing emergency management procedures for specific incidents is available
- Evidence of updates to emergency management plans is available

### **(2) Students, parents, and the community perceive the school environment as safe and orderly.**

#### *Examples:*

- When asked, parents and students describe the school as a safe place
- When asked, parents and students describe the school as an orderly place
- Clear and specific rules and procedures are in place for the running of the school
- The school employs social media so that students may anonymously report potential incidents
- The school has a means of communicating to parents about issues regarding school safety (e.g., call-out system)
- The school coordinates with local law enforcement agencies regarding school safety issues
- The school engages parents and community regarding issues of school safety

**(3) Teachers have formal roles in the decision-making process regarding school initiatives.**

*Examples:*

- The specific types of decisions on which teachers will have direct input are made clear
- Data-gathering techniques are in place to collect information from teachers
- Notes and reports are in place that describe how teacher input was used when making specific decisions
- Electronic tools are utilized to collect and report teacher opinions regarding specific decisions (e.g., Survey Monkey)
- Groups of teachers are targeted and utilized to provide input regarding specific decisions

**(4) Teacher teams and collaborative groups regularly interact to address common issues regarding curriculum, assessment, instruction, and the achievement of all students.**

*Examples:*

- Professional learning communities (PLCs) are in place
- PLCs have written goals
- The school regularly examines the PLCs' progress toward goals
- Common assessments are created by PLCs
- Student achievement and growth are analyzed by PLCs
- Data teams are in place
- Data teams have written goals
- The school regularly examines each data team's progress toward goals
- The school collects and reviews minutes, notes, and goals from meetings to maintain a focus on student achievement

**(5) Teachers and staff have formal ways to provide input regarding the optimal functioning of the school.**

*Examples:*

- Data collection systems are in place to collect opinion data from teachers and staff regarding the optimal functioning of the school
- Data is archived and reports regularly generated regarding these data
- The manner in which these data are used is made transparent
- The school improvement team provides input regarding the school improvement plan

**(6) Students, parents, and community have formal ways to provide input regarding the optimal functioning of the school.**

*Examples:*

- Data collection systems are in place to collect opinion data from students, parents, and community regarding the optimal functioning of the school
- Data is archived and reports regularly generated regarding these data
- The manner in which these data are used is made transparent
- The school provides an interactive website for students, parents, and the community
- The school engages in social networking technologies (Twitter, Facebook) to involve students, parents, and community
- The school engages in virtual town hall meetings
- The school conducts focus group meetings with students
- The school hosts or speaks at community/business luncheons

**(7) The success of the whole school, as well as individuals within the school, is appropriately acknowledged**

*Examples:*

- When asked, faculty and staff report that the accomplishments of the school have been adequately acknowledged and celebrated
- When asked, faculty and staff report that their individual accomplishments have been adequately acknowledged and celebrated
- The school recognizes the accomplishments of individual teachers, teams of teachers, and the whole school in a variety of ways (e.g., faculty celebrations, newsletters to parents, announcements, websites, social media)
- The school recognizes the success of individual departments
- The school regularly celebrates the success of a variety of types of individuals (e.g., teacher of the year, support staff employee of the year)

**(8) The fiscal, operational, and technological resources of the school are managed in a way that directly supports teachers.**

*Examples:*

- When asked, faculty and staff report that they have adequate materials to teach effectively
- When asked, faculty and staff report that they have adequate time to teach effectively
- The school develops, submits, and implements detailed budgets
- The school successfully accesses and leverages a variety of resources (e.g., grants, title funds)
- The school manages time effectively in order to maximize focus on instruction
- The school appropriately directs the use of technology to improve teaching and learning
- The school provides adequate training for the instructional technology teachers are expected to use

**Examples of Criterion (Lagging) Indicators:**

- **Few, if any, incidents occur in which students' safety is compromised**
- **Few, if any, incidents occur in which rules and procedures are not followed**
- **Surveys of faculty and staff indicate high agreement that the school is safe and orderly**
- **Surveys of students, parents, and community indicate high agreement that the school is safe and orderly**
- **Surveys of faculty and staff indicate high agreement that they have input into the well functioning of the school**
- **Surveys of students, parents, and community indicate high agreement that they have input into the well functioning of the school**
- **Evidence is available regarding specific decisions that were made with input from faculty and staff**
- **Evidence is available regarding specific decisions that were made with input from students, parents, and the community**
- **Evidence is available for specific projects that were developed through collaborative efforts of teacher teams**
- **Materials and resources for specific classes and courses meet the state or district specifications for those classes and courses**
- **Time available for specific classes and courses meets the state or district specifications for those classes and courses**
- **Evidence is available that adequate proportions of the school budget are focused on issues that directly support teaching and learning**
- **Evidence is available that specific accomplishments of the school and/or individuals within the school have been formally acknowledged**
- **Incidents indicating teacher dissatisfaction with the school (e.g., teacher requests for transfers to other schools) are very low or nonexistent**



## **Level 2: An Instructional Framework That Develops and Maintains Effective Instruction in Every Classroom**

### **Leading Indicators:**

#### **(1) The school communicates a clear vision as to how instruction should be addressed in the school.**

*Examples:*

- A written document articulating the school-wide model of instruction is developed with input by teacher leaders
- Professional development opportunities are provided for new teachers regarding the school-wide model of instruction
- When asked, teachers can describe the major components of the school-wide model of instruction
- New initiatives are prioritized and limited in number to support the instructional model
- The school-wide language of instruction is used regularly in faculty and department meetings
- The school-wide language of instruction is used regularly by faculty in their informal conversations
- The school-wide language of instruction is used regularly by faculty in their professional learning communities

#### **(2) Support is provided to teachers to continually enhance their pedagogical skills through reflection and professional growth plans.**

*Examples:*

- Individual teachers have written statements of their pedagogical growth goals
- Individual teachers keep track of their progress on their pedagogical growth goals
- The school leader meets with teachers regarding their growth goals
- When asked, teachers can describe their progress on their pedagogical growth goals
- The school hires effective teachers
- The school has a system in place to effectively evaluate the selection process for hiring new teachers
- The school has a system in place to effectively evaluate and revise the new teacher induction program
- The school retains effective teachers
- When asked, the school can produce evaluation results, growth plans, and supports for struggling teachers

**(3) Predominant instructional practices throughout the school are known and monitored.**

*Examples:*

- Walk-through data are aggregated in such a way as to disclose predominant instructional practices in the school
- When asked, the school leader can describe the predominant instructional practices in the school
- When asked, teachers can describe the predominant instructional practices in the school
- The school provides forthright feedback to teachers regarding their instructional practices
- The school leader can describe effective practices and problems of practice

**(4) Teachers are provided with clear, ongoing evaluations of their pedagogical strengths and weaknesses that are based on multiple sources of data and are consistent with student achievement data.**

*Examples:*

- Highly specific rubrics are in place to provide teachers accurate feedback on their pedagogical strengths and weaknesses
- Teacher feedback and evaluation data is based on multiple sources of information including, but not limited to: direct observation, teacher self-report, analysis of teacher performance as captured on video, student reports on teacher effectiveness, and peer feedback to teachers
- Teacher evaluation data are regularly used as the subject of conversation between school leaders and teachers
- The school provides frequent observations and feedback to teachers
- When asked, teachers can describe their instructional strategies that have the strongest and weakest relationships to student achievement

**(5) Teachers are provided with job-embedded professional development that is directly related to their instructional growth goals.**

*Examples:*

- Online professional development courses and resources are available to teachers regarding their instructional growth goals
- Teacher-led professional development is available to teachers regarding their instructional growth goals
- Instructional coaching is available to teachers regarding their instructional growth goals
- Data is collected linking the effectiveness of professional development to the improvement of teacher practices
- When asked, teachers can describe how the professional development supports their attainment of instructional growth goals

**(6) Teachers have opportunities to observe and discuss effective teaching.**

*Examples:*

- Teachers have opportunities to engage in instructional rounds
- Teachers have opportunities to view and discuss video-based examples of exemplary teaching
- Teachers have regular times to meet and discuss effective instructional practices (e.g., lesson study)
- Teachers have opportunities to interact about effective teaching via technology
- Instructional practices are regularly discussed at faculty and department meetings
- Video segments of instructional practices are regularly viewed and discussed at faculty and department meetings
- Information is available regarding participation of teachers in opportunities to observe and discuss effective teaching
- Information is available regarding teacher participation in virtual discussions regarding effective teaching

## **Examples of Criterion (Lagging) Indicators:**

- **A document describing the school’s instructional model is available**
- **Survey data indicate that teachers are well aware of the school’s instructional model and their status within that model**
- **Evidence exists that the school has a demonstrated record of hiring and retaining effective teachers**
- **Evidence is available that teacher growth in pedagogical skill is consistent and meets or exceeds acceptable levels**
- **Evidence is available that teacher growth in pedagogical skill is related to the professional development opportunities provided by the school**
- **Evidence is available that the average level of teacher pedagogical skill meets or exceeds acceptable levels**
- **Evidence is available that any teacher who is below acceptable levels of pedagogical skill and/or growth is adhering to a detailed growth plan**
- **The distribution of teachers’ pedagogical status is consistent with measures of student growth within the school**
- **Survey data indicate high levels of agreement that the school in general and the evaluation system in particular are designed to help teachers improve their pedagogical skills**
- **Evidence exists that teachers who have demonstrated little or no desire to develop or maintain high levels of pedagogical skill are counseled out of the profession or terminated in extreme cases**

## **Level 3: A Guaranteed and Viable Curriculum Focused on Enhancing Student Learning**

### **Leading Indicators:**

#### **(1) The school curriculum and accompanying assessments adhere to state and district standards.**

*Examples:*

- The written curriculum is analyzed to ensure that it correlates with state and district standards (e.g., Common Core if applicable)
- The written curriculum adequately addresses important 21<sup>st</sup> century skills (e.g., College and Career Readiness Skills and Mathematical Practice Skills from the CCSS)
- The curriculum taught in the classrooms (i.e., the taught curriculum) is analyzed to ensure that it correlates with the written curriculum
- Assessments have been analyzed to ensure that they accurately measure the written and taught curriculums
- School teams regularly analyze the relationship between the written curriculum, taught curriculum, and assessments
- When asked, teachers can describe the essential content and standards for their subject area(s) or grade level(s)

#### **(2) The school curriculum is focused enough that it can be adequately addressed in the time available to teachers.**

*Examples:*

- Essential elements of content are identified
- How much time it would take to adequately address the essential elements is examined
- Teams regularly meet to discuss the progression and viability of documents that articulate essential content and timing of delivery (e.g., pacing guides, curriculum maps)
- Essential vocabulary is identified at all levels (i.e., tiers 1, 2, and 3)

**(3) All students have the opportunity to learn the critical content of the curriculum.**

*Examples:*

- Tracking systems are in place that examine each student's access to the essential elements of the curriculum
- Parents are aware of their child's current access to the essential elements of the curriculum
- All students have access to advanced placement courses
- The extent to which all students have access to necessary courses has been analyzed
- The school ensures teachers have completed appropriate content area training in their subject area courses
- A system of direct vocabulary instruction is available all levels (i.e., tiers 1, 2, and 3)

**(4) Clear and measurable goals are established and focused on critical needs regarding improving overall student achievement at the school level.**

*Examples:*

- Goals are established as a percentage of students who will score at a proficient or higher level on state assessments or benchmark assessments
- Goals are established for eliminating differences in achievement for students at different socioeconomic levels
- Goals are established for eliminating differences in achievement for students of differing ethnicities
- School-wide achievement goals are posted so that faculty and staff see them on a regular basis
- School-wide achievement goals are discussed regularly at faculty and staff gatherings
- Faculty and staff can describe the school-wide achievement goals
- Faculty and staff can explain how goals eliminate differences in achievement for students of differing ethnicities
- Faculty and staff can explain how goals eliminate differences in achievement for students at different socioeconomic levels, English language learners, and students with disabilities
- Improvement goals are assigned to various departments and faculty
- Goals are established for eliminating the achievement gap for all students
- Goals are established for eliminating the differences in achievement for English language learners
- Goals are established for eliminating the differences in achievement for students with disabilities
- Goals address the most critical and severe deficiencies
- Timelines contain specific benchmarks for each goal, including individual(s) responsible for the goal

**(5) Data are analyzed, interpreted, and used to regularly monitor progress toward school achievement goals.**

*Examples:*

- Overall student achievement is regularly analyzed
- Student achievement is examined from the perspective of value-added results
- Results from multiple types of assessments are regularly reported and used (e.g., benchmark, common assessments)
- When asked, faculty and staff can describe the different types of reports available to them
- Reports, graphs, and charts are regularly updated to track growth in student achievement
- School leadership teams regularly analyze school growth data
- Data briefings are conducted at faculty meetings

**(6) Appropriate school-level and classroom-level programs and practices are in place to help students meet individual achievement goals when data indicate interventions are needed.**

*Examples:*

- Extended school day and week programs are in place
- Extended school year programs are in place
- After-school programs are in place
- Tutorial programs are in place
- The school schedule is designed so that students can receive academic help while in school
- Individual student completion of programs designed to enhance their academic achievement is monitored (i.e., gifted and talented, advanced placement, STEM, etc.)
- Response to intervention measures and programs are in place
- Enrichment programs are in place

## **Examples of Criterion (Lagging) Indicators:**

- Curriculum documents are in place that correlate the written curriculum to state and district standards (e.g., Common Core if applicable)
- Curriculum documents are in place correlating the written curriculum to the skills important to 21<sup>st</sup> century learning (e.g., College and Career Readiness Skills and Mathematical Practice Skills from the CCSS)
- Information is available correlating what is taught in the classrooms (i.e., the taught curriculum) and the written curriculum
- Information is available examining the extent to which assessments accurately measure the written and taught curriculums
- A written list of essential elements is in place
- A written list of essential vocabulary is in place for all levels (i.e., tiers 1, 2, and 3)
- A curriculum audit document is in place delineating how much time it would take to adequately address the essential elements
- All students have a prescribed program of study that documents access to courses
- Written goals are available specifying the percentage of students who will score at a proficient or higher level on state assessments or benchmark assessments
- Written goals are available specifying the elimination of differences in achievement for students at different socioeconomic levels
- Written goals are available specifying the elimination of differences in achievement for students of differing ethnicities
- Written goals are available specifying the elimination of the achievement gap for all students
- Written goals are available specifying the elimination of differences in achievement for English language learners
- Written goals are available specifying the elimination of differences in achievement for students with disabilities
- Written timelines are available containing specific benchmarks for each goal, including individual(s) responsible for the goal
- Reports, graphs, and charts are available for overall student achievement
- Evidence is available showing that reports, graphs, and charts are regularly updated to track growth in student achievement
- Evidence is available that students who need instructional support outside of the regular classroom have had access to and taken advantage of such support



# Level 4: A Standards-Referenced System of Reporting Student Progress

## Leading Indicators:

### **(1) Clear and measurable goals are established and focused on critical needs regarding improving achievement of individual students within the school.**

#### *Examples:*

- Goals are established for each student in terms of their performance on state assessments, benchmark assessments, or common assessments
- Essential elements for each subject area are articulated in terms of clear learning progressions or scales (i.e., rubrics)
- Goals accompanied by proficiency scales are established for each student in terms of their knowledge gain regarding the essential elements in each subject area
- When asked, students are aware of their status on the achievement goals specific to them
- Students keep data notebooks regarding their individual goals
- When asked, parents are aware of their child's achievement goals
- Student-led conferences focus on the individual student's goals
- Parent-teacher conferences focus on the individual student's goals
- Students perceive that their individual goals are academically challenging

### **(2) Data are analyzed, interpreted, and used to regularly monitor progress toward achievement goals for individual students.**

#### *Examples:*

- The status and growth of individual students is regularly analyzed
- When asked, individual students and their parents can describe their achievement status and growth
- Individual student achievement is examined from the perspective of value-added results
- Individual student results from multiple types of assessments are regularly reported and used (e.g., benchmark, common assessments)
- When asked, faculty can describe the different types of individual student reports available to them
- Individual student reports, graphs, and charts are regularly updated to track growth in student achievement
- Teachers regularly analyze school growth data for individual students
- School leadership teams regularly analyze individual student performance

## **Examples of Criterion (Lagging) Indicators:**

- **Written goals are available for each student in terms of their performance on state assessments, benchmark assessments, or common assessments**
- **Documents articulating the learning progression for each essential element are available for each subject area**
- **Written goals are available for each student in terms of their knowledge gain regarding essential elements**
- **Reports, charts, and graphs are available for individual students depicting their status and growth on their learning goals**
- **Report-cards display student status and growth on essential elements and individual learning goals**

# Level 5: A Competency-Based System That Ensures Student Mastery of Content

## Leading Indicators:

**(1) Students move on to the next level of the curriculum for any subject area only after they have demonstrated competence at the previous level.**

*Examples:*

- Clear criteria are established for each essential element regarding minimum scores that demonstrate competence
- A system is in place that tracks each student's status on the essential elements for each subject area at the student's current level
- Student status and progress for each essential element in each subject area is continually monitored
- When students reach criterion scores for the essential elements at a particular level within a subject area, they immediately start working on the elements at the next level

**(2) The school schedule is designed to accommodate students moving at a pace appropriate to their backgrounds and needs.**

*Examples:*

- Grade levels are replaced by competency levels
- Multiple venues are available simultaneously (e.g., at the same time) for students to learn and demonstrate competency in the essential elements for each level of each subject area
- Online competency-based instruction and assessment is available in the essential elements for each level of each subject area
- The time it takes for students to move through the various levels of the curriculum for each subject area at each level is constantly monitored

**(3) Students who have demonstrated competency levels greater than those articulated in the system are afforded immediate opportunities to begin work on advanced content and/or career paths of interest.**

*Examples:*

- Students who have demonstrated the highest level of competence within a given subject area are provided with opportunities for even more advanced study within that subject area
- Students who have demonstrated competence adequate for high school graduation begin and receive credit for college work
- Students who have demonstrated competence adequate for high school graduation begin and receive credit for work toward a trade that is of interest to them

### **Examples of Criterion (Lagging) Indicators:**

- **A written master plan is available articulating the criterion scores necessary to demonstrate competence for each essential element at each level for each subject area**
- **Reports are available that indicate each student's current status for each essential element at each level for each subject area**
- **A written master plan is available articulating the alternate pathways a student might take to learn and demonstrate competence in each essential element at each level for each subject area**
- **A written master plan is available articulating how students can pursue advanced content, work on college credit, and pursue careers of interest**
- **Reports are available depicting how long students are taking to move through the curriculum for each subject area at each level**

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