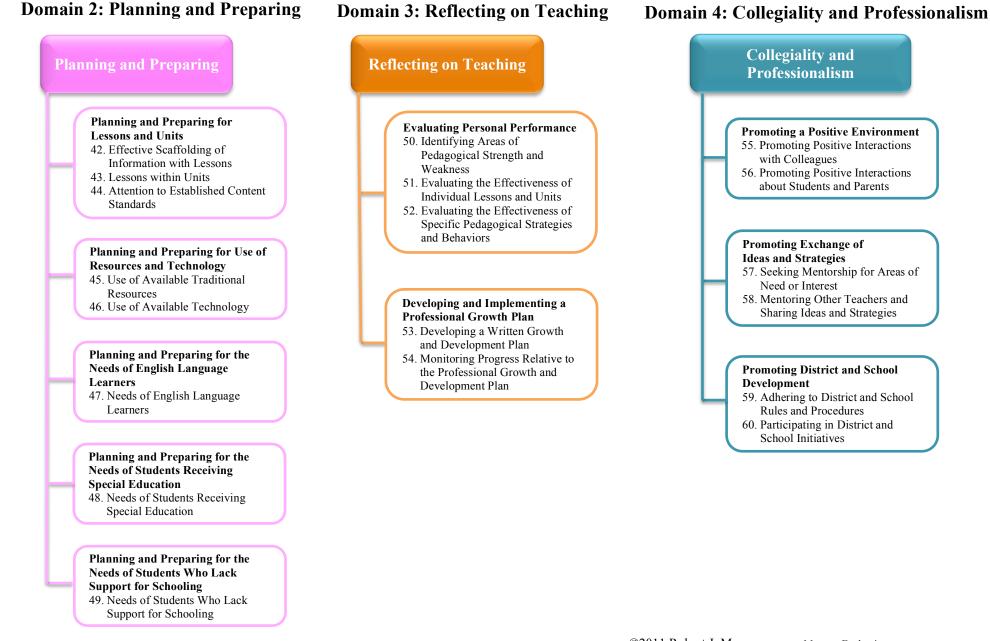
Marzano Art and Science of Teaching Framework Learning Map

Learning Sciences International



Domain 2: Planning and Preparing

The teacher plans for clear goals and identifies them in the plan; he or she describes methods for tracking student progress and measuring success.

Planning and Preparing for Lessons and Units

42. Effective Scaffolding of Information within Lessons

Within lessons, the teacher prepares and plans the organization of content in such a way that each new piece of information builds on the previous piece.

Planning Evidence

Content is organized to build upon previous information

□ Presentation of content is logical and progresses from simple to complex

□ Where appropriate, presentation of content is integrated with other content areas, other lessons and/or units

The plan anticipates potential confusions that students may experience

Teacher Evidence

When asked, the teacher can describe the rationale for how the content is organized
When asked, the teacher can describe the rationale for the sequence of instruction
When asked, the teacher can describe how content is related to previous lessons, units or other content

D When asked, the teacher can describe possible confusions that may impact the lesson or unit

Scale

	Not Using	Beginning	Developing	Applying	Innovating
Effective Scaffolding of Information within Lessons	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher scaffolds the information but the relationship between the content is not clear	Within lessons the teacher organizes content in such a way that each new piece of information clearly builds on the previous piece	The teacher is recognized leader in helping others with this activity

43. Lessons within Units

The teacher organizes lessons within units to progress toward a deep understanding of content.

Planning Evidence

□ Plans illustrate how learning will move from an understanding of foundational content to application of information in authentic ways

□ Plans incorporate student choice and initiative

□ Plans provide for extension of learning

Teacher Evidence

□ When asked, the teacher can describe how lessons within the unit progress toward deep understanding and transfer of content

□ When asked, the teacher can describe how students will make choices and take initiative □ When asked, the teacher can describe how learning will be extended.

 $\hfill\square$ When asked, the teacher can describe how learning will be extended

	Not Using	Beginning	Developing	Applying	Innovating
Lessons within Units	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher organizes lessons within a unit so that students move from surface level to deeper understanding of content but does not require students to apply the content in authentic ways	The teacher organizes lessons within a unit so that students move from an understanding to applying the content through authentic tasks	The teacher is a recognized leader in helping others with this activity

LEARNING AND PERFORMANCE MANAGEMENT

44. Attention to Established Content Standards

The teacher ensures that lesson and unit plans are aligned with established content standards identified by the district and the manner in which that content should be sequenced.

Planning Evidence

Lesson and unit plans include important content identified by the district (scope)
Lesson and unit plans include the appropriate manner in which materials should be taught (sequence) as identified by the district

Teacher Evidence

G When asked, the teacher can identify or reference the important content (scope) identified by the district

G When asked, the teacher can describe the sequence of the content to be taught as identified by the district

Scale					
	Not Using	Beginning	Developing	Applying	Innovating
Attention to Established Content Standards	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher ensures that lessons and units include the important content identified by the district but does not address the appropriate	Applying The teacher ensures that lessons and units include the important content identified by the district and the manner in which that content should	The teacher is a recognized leader in helping others with this activity
			sequencing of content	be sequenced	

Planning and Preparing for Use of Resources and Technology

45. Use of Available Traditional Resources

The teacher identifies the available traditional resources (materials and human) for upcoming units and lessons.

Planning Evidence

The plan outlines resources within the classroom that will be used to enhance students' understanding of the content

The plan outlines resources within the school that will be used enhance students' understanding of the content

□ The plan outlines resources within the community that will be used to enhance students' understanding of the content

Teacher Evidence

□ When asked, the teacher can describe the resources within the classroom that will be used to enhance students' understanding of the content

□ When asked, the teacher can describe resources within the school that will be used to enhance students' understanding of the content

□ When asked, the teacher can describe resources within the community that will be used to enhance students' understanding of the content

	Not Using	Beginning	Developing	Applying	Innovating
Use of Available Traditional Resources	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher identifies the available traditional resources that can enhance student understanding but does not identify the manner in which they will be used	The teacher identifies the available traditional resources that can enhance student understanding and the manner in which they will be used	The teacher is a recognized leader in helping others with this activity

46. Use of Available Technology

The teacher identifies the use of available technology that can enhance students' understanding of content in a lesson or unit.

Planning Evidence

□ The plan identifies available technology that will be used:

- Interactive whiteboards
- Response systems
- Voting technologies
- One-to-one computers
- Social networking sites
- Blogs
- Wikis
- Discussion Boards

The plan identifies how the technology will be used to enhance student learning

Teacher Evidence

When asked, the teacher can describe the technology that will be used
When asked, the teacher can articulate how the technology will be used to enhance student learning

	Not Using	Beginning	Developing	Applying	Innovating
Use of Available Technology	Not Using The teacher makes no attempt to perform this activity	Beginning The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	Developing The teacher identifies the available technologies that can enhance student understanding but does not identify the manner in which they will	Applying The teacher identifies the available technologies that can enhance student understanding and the manner in which they will be used	Innovating The teacher is a recognized leader in helping others with this activity
			be used		

Planning and Preparing for the Needs of English Language Learners

47. Needs of English Language Learners

The teacher provides for the needs of English Language Learners (ELL) by identifying the adaptations that must be made within a lesson or unit.

Planning Evidence

□ The plan identifies the accommodations that must be made for individual ELL students or groups within a lesson

□ The plan identifies the adaptations that must be made for individual ELL students or groups within a unit of instruction

Teacher Evidence

□ When asked, the teacher can describe the accommodations that must be made for individual ELL students or groups of students within a lesson

□ When asked, the teacher can describe the adaptations that must be made for individual ELL students or groups of students within a unit of instruction

	Not Using	Beginning	Developing	Applying	Innovating
Needs of English Language Learners	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher identifies the needs of English Language Learners but does not articulate the adaptations that will be made to meet these needs	The teacher identifies the needs of English Language Learners and the adaptations that will be made to meet these needs	The teacher is a recognized leader in helping others with this activity

Planning and Preparing for Needs of Students Receiving Special Education

48. Needs of Students Receiving Special Education

The teacher identifies the needs of students receiving special education by providing accommodations and modifications that must be made for specific students receiving special education.

Planning Evidence

□ The plan describes accommodations and modifications that must be made for individual students receiving special education or groups of students according to the Individualized Education Program (IEP) for a lesson

□ The plan describes the accommodations and modifications that must be made for individual students receiving special education or groups of students according to the IEP for a unit of instruction

Teacher Evidence

□ When asked, the teacher can describe the specific accommodations that must be made for individual students receiving special education or groups of students according to their IEP for a lesson

□ When asked, the teacher can describe the specific accommodations and modifications that must be made for individual students receiving special education or groups of students according to their IEP for a unit of instruction

Scale							
	Not Using	Beginning	Developing	Applying	Innovating		
Needs of Students Receiving Special Education	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher identifies the needs of students receiving special education but does not articulate the accommodatio ns or modifications that will be made to meet these needs	The teacher identifies the needs of students receiving special education and the accommodatio ns and modifications that will be made to meet these needs	The teacher is a recognized leader in helping others with this activity		

Planning and Preparing for Needs of Students Who Lack Support for Schooling

49. Needs of Students Who Lack Support for Schooling

The teacher identifies the needs of students who come from home environments that offer little support for schooling.

Planning Evidence

□ The plan provides for the needs of students who come from home environments that offer little support for schooling

When assigning homework, the teacher takes into consideration the students' family resources
When communicating with the home, the teacher takes into consideration family and language resources

Teacher Evidence

□ When asked, the teacher can articulate how the needs of students who come from home environments that offer little support for schooling will be addressed

□ When asked, the teacher can articulate the ways in which the students' family resources will be addressed when assigning homework

□ When asked, the teacher can articulate the ways in which communication with the home will take into consideration family and language resources

	Not Using	Beginning	Developing	Applying	Innovating
Needs of Students Who Lack Support for Schooling	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher identifies the needs of students who lack support for schooling but does not articulate the adaptations that will be made to meet these needs	The teacher identifies the needs of students who lack support for schooling and the adaptations that will be made to meet these needs	The teacher is a recognized leader in helping others with this activity

Domain 3: Reflecting on Teaching

Evaluating Personal Performance

50. Identifying Areas of Pedagogical Strength and Weakness

The teacher identifies specific strategies and behaviors on which to improve from Domain 1 (routine lesson segments, content lesson segments and segments that are enacted on the spot).

Teacher Evidence

The teacher identifies specific areas of strengths and weaknesses within Domain 1

□ The teacher keeps track of specifically identified focus areas for improvement within Domain 1

□ The teacher identifies and keeps track of specific areas identified based on teacher interest within Domain 1

□ When asked, the teacher can describe how specific areas for improvement are identified within Domain 1

	Not Using	Beginning	Developing	Applying	Innovating
Identifying Areas of Pedagogical Strength and Weakness	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher identifies specific strategies and behaviors on which to improve but does not select the strategies and behaviors that are most useful for his or her development	The teacher identifies specific strategies and behaviors on which to improve from routine lesson segments, content lesson segments and segments that are enacted on the spot	The teacher is a recognized leader in helping others with this activity

51. Evaluating the Effectiveness of Individual Lessons and Units

The teacher determines how effective a lesson or unit of instruction was in terms of enhancing student achievement and identifies causes of success or difficulty.

Teacher Evidence

The teacher gathers and keeps records of his or her evaluations of individual lessons and units U When asked, the teacher can explain the strengths and weaknesses of specific lessons and units U When asked, the teacher can explain the alignment of the assessment tasks and the learning goals When asked, the teacher can explain how the assessment tasks help track student progress toward the learning goals

Scale					
	Not Using	Beginning	Developing	Applying	Innovating
Evaluating the Effectiveness of Individual Lessons and Units	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher determines how effective a lesson or unit was in terms of enhancing student achievement but does not accurately identify causes of success or difficulty	The teacher determines how effective a lesson or unit was in terms of enhancing student achievement and identifies specific causes of success or difficulty and uses this analysis when making instructional decisions	The teacher is a recognized leader in helping others with this activity

52. Evaluating the Effectiveness of Specific Pedagogical Strategies and Behaviors

The teacher determines the effectiveness of specific instructional techniques regarding the achievement of subgroups of students and identifies specific reasons for discrepancies.

Teacher Evidence

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□ The teacher gathers and keeps evidence of the effects of specific classroom strategies and behaviors on specific categories of students (i.e., different socio-economic groups, different ethnic groups)

The teacher provides a written analysis of specific causes of success or difficulty

□ When asked, the teacher can explain the differential effects of specific classroom strategies and behaviors on specific categories of students

Scale					
	Not Using	Beginning	Developing	Applying	Innovating
Evaluating the Effectiveness of Specific Pedagogical Strategies and Behaviors	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher determines the effectiveness of specific strategies and behaviors regarding the achievement of subgroups of students but does not accurately identify the reasons for discrepancies	The teacher determines the effectiveness of specific strategies and behaviors regarding the achievement of subgroups of students and identifies the reasons for discrepancies	The teacher is a recognized leader in helping others with this activity

Developing and Implementing a Professional Growth Plan

53. Developing a Written Growth and Development Plan

The teacher develops a written professional growth and development plan with specific and measureable goals, action steps, manageable timelines and appropriate resources.

Teacher Evidence

☐ The teacher constructs a growth plan that outlines measurable goals, action steps, manageable timelines and appropriate resources

□ When asked, the teacher can describe the professional growth plan using specific and measurable goals, action steps, manageable timelines and appropriate resources

Scale

	Not Using	Beginning	Developing	Applying	Innovating
Developing a Written Growth and Development Plan	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher develops a written professional growth and development plan but does not articulate clear and measurable goals, action steps, timelines and appropriate resources	The teacher develops a written professional growth and development plan with clear and measurable goals, actions steps, timelines and resources	The teacher is a recognized leader in helping others with this activity

54. Monitoring Progress Relative to the Professional Growth and Development Plan

The teacher charts his or her progress toward goals using established action plans, milestones and timelines.

Teacher Evidence

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□ The teacher constructs a plan that outlines a method for charting progress toward established goals supported by evidence (e.g., student achievement data, student work, student interviews, peer, self and observer feedback)

□ When asked, the teacher can describe progress toward meeting the goals outlined in the plan supported by evidence (e.g., student achievement data, student work, student interviews, peer, self and observer feedback)

Scale					
	Not Using	Beginning	Developing	Applying	Innovating
Monitoring Progress Relative to the Professional Growth and Development Plan	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher charts his or her progress on the professional growth and development plan using established milestones and timelines but does not make modifications or adaptations as needed	The teacher charts his or her progress on the professional growth and development plan using established milestones and timelines and makes modifications or adaptations as needed	The teacher is a recognized leader in helping others with this activity

Domain 4: Collegiality and Professionalism

Promoting a Positive Environment

55. Promoting Positive Interactions with Colleagues

The teacher interacts with other teachers in a positive manner to promote and support student learning.

Teacher Evidence

The teacher works cooperatively with appropriate school personnel to address issues that impact student learning

□ The teacher establishes working relationships that demonstrate integrity, confidentiality, respect, flexibility, fairness and trust

□ The teacher accesses available expertise and resources to support students' learning needs
□ When asked, the teacher can describe situations in which he or she interacts positively with colleagues to promote and support student learning

□ When asked, the teacher can describe situations in which he or she helped extinguish negative conversations about other teachers

	Not Using	Beginning	Developing	Applying	Innovating
Promoting Positive Interactions with Colleagues	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher interacts with other colleagues in a positive manner to promote and support student learning but does not help extinguish negative conversations about other teachers	The teacher interacts with other colleagues in a positive manner to promote and support student learning and helps to extinguish negative conversations about other teachers	The teacher is a recognized leader in helping others with this activity

56. Promoting Positive Interactions about Students and Parents

The teacher interacts with students and parents in a positive manner to foster learning and promote positive home/school relationships.

Teacher Evidence

□ The teacher fosters collaborative partnerships with parents to enhance student success in a manner that demonstrates integrity, confidentiality, respect, flexibility, fairness and trust

□ The teacher ensures consistent and timely communication with parents regarding student expectations, progress and/or concerns

The teacher encourages parent involvement in classroom and school activities

The teacher demonstrates awareness and sensitivity to social, cultural and language backgrounds of families

The teacher uses multiple means and modalities to communicate with families

□ The teacher responds to requests for support, assistance and/or clarification promptly

□ The teacher respects and maintains confidentiality of student/family information

□ When asked, the teacher can describe instances when he or she interacted positively with students and parents

D When asked, students and parents can describe how the teacher interacted positively with them

□ When asked, the teacher can describe situations in which he or she helped extinguish negative conversations about students and parents

	Not Using	Beginning	Developing	Applying	Innovating
Promoting Positive Interactions about Students and Parents	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher interacts with students and parents in a positive manner to foster learning and promote positive home/school relationships but does not help extinguish negative conversations about students and parents	The teacher interacts with students and parents in a positive manner to foster learning and promote positive home/school relationships and helps extinguish negative conversations about students and parents	The teacher is a recognized leader in helping others with this activity

Promoting Exchange of Ideas and Strategies

57. Seeking Mentorship for Areas of Need or Interest

The teacher seeks help and input from colleagues regarding specific classroom strategies and behaviors.

Teacher Evidence

The teacher keeps track of specific situations during which he or she has sought mentorship from others

The teacher actively seeks help and input in Professional Learning Community meetings

The teacher actively seeks help and input from appropriate school personnel to address issues that impact instruction

□ When asked, the teacher can describe how he or she seeks input from colleagues regarding issues that impact instruction

	Not Using	Beginning	Developing	Applying	Innovating
Seeking Mentorship for Areas of Need or Interest	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher seeks help and mentorship from colleagues but not at a specific enough level to enhance his or her pedagogical skill	The teacher seeks help and mentorship from colleagues regarding specific classroom strategies and behaviors	The teacher is a recognized leader in helping others with this activity

58. Mentoring Other Teachers and Sharing Ideas and Strategies

The teacher provides other teachers with help and input regarding specific classroom strategies and behaviors.

Teacher Evidence

The teacher keeps tracks of specific situations during which he or she mentored other teachers
The teacher contributes and shares expertise and new ideas with colleagues to enhance student learning in formal and informal ways

The teacher serves as an appropriate role model (mentor, coach, presenter, researcher) regarding specific classroom strategies and behaviors

□ When asked, the teacher can describe specific situations in which he or she has mentored colleagues

	Not Using	Beginning	Developing	Applying	Innovating
Mentoring Other Teachers and Sharing Ideas and Strategies	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher provides other teachers with help and input regarding classroom strategies and behaviors but not at a specific enough level to enhance their pedagogical skill	The teacher provides other teachers with help and input regarding classroom strategies and behaviors	The teacher is a recognized leader in helping others with this activity

Promoting District and School Development

59. Adhering to District and School Rules and Procedures

The teacher is aware of the district's and school's rules and procedures and adheres to them.

Teacher Evidence

□ The teacher performs assigned duties

□ The teacher follows policies, regulations and procedures

□ The teacher maintains accurate records (student progress, completion of assignments, non-instructional records)

- □ The teacher fulfills responsibilities in a timely manner
- The teacher understands legal issues related to students and families
- □ The teacher demonstrates personal integrity
- **The teacher keeps track of specific situations in which he or she adheres to rules and procedures**

Ocale					
	Not Using	Beginning	Developing	Applying	Innovating
Adhering to District and School Rules and Procedures	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these	The teacher is aware of district and school rules and procedures but does not adhere to all of these rules and procedures	The teacher is aware of district and school rules and procedures and adheres to them	The teacher is a recognized leader in helping others with this activity
		attempts			

60. Participating in District and School Initiatives

The teacher is aware of the district's and school's initiatives and participates in them in accordance with his or her talents and availability.

Teacher Evidence

□ The teacher participates in school activities and events as appropriate to support students and families

□ The teacher serves on school and district committees

The teacher participates in staff development opportunities

The teacher works to achieve school and district improvement goals

□ The teacher keeps tracks of specific situations in which he or she has participated in school or district initiatives

□ When asked, the teacher can describe or show evidence of his/her participation in district and school initiatives

Scale

	Not Using	Beginning	Developing	Applying	Innovating
Participating in District and School Initiatives	The teacher makes no attempt to perform this activity	The teacher attempts to perform this activity but does not actually complete or follow through with these attempts	The teacher is aware of the district's and school's initiatives but does not participate in them in accordance with his or her talents and availability	The teacher is aware of the district's and school's initiatives and participates in them in accordance with his or her talents and availability	The teacher is a recognized leader in helping others with this activity