



STEAM School Designation (Elementary School)



Criteria	1 Point	2 Points	3 Points
1. STEAM-School Curriculum Integration <i>[Integration]</i>	<ul style="list-style-type: none"> Evidence of STEAM curriculum integration in at least one grade-level. 	<ul style="list-style-type: none"> Evidence of STEAM curriculum integration in at least three grade-levels. 	<ul style="list-style-type: none"> Evidence of STEAM curriculum integration at school-wide level.
Proof or artifacts to quantify STEAM efforts: <i>Lesson plans, student artifacts, department goals, school showcase, school STEAM goals, pictures and videos</i>			
2. STEAM-Science Offerings <i>[Operation]</i>	<ul style="list-style-type: none"> A total of two Science showcases of student experimentation and engineering design utilizing Essential Labs, CPALM STEM MEA's and other inquiry-based activities. 	<ul style="list-style-type: none"> A total of three Science showcases of student experimentation and engineering designs utilizing Essential Labs, CPALM STEM MEA's and other inquiry-based activities 	<ul style="list-style-type: none"> A total of four Science showcases of student experimentation and engineering designs utilizing Essential Labs, CPALM STEM MEA's and other inquiry-based activities.
Proof or artifacts to quantify STEAM efforts: <i>Agendas and sign-in sheets, pictures, videos, media releases or articles, invitations to community stakeholders</i>			
3. STEAM-Mathematics Offerings <i>[Operation]</i>	<ul style="list-style-type: none"> A total of two Problem Solving Showcases inclusive of project-based learning, utilizing CPALMS' STEM MEA Lessons. 	<ul style="list-style-type: none"> A total of three Problem Solving Showcases inclusive of project-based learning, utilizing CPALMS' STEM MEA Lessons. 	<ul style="list-style-type: none"> A total of four Problem Solving Showcases inclusive of project-based learning, utilizing CPALMS' STEM MEA Lessons.
Proof or artifacts to quantify STEAM efforts: <i>Master Schedule, agendas and sign-in sheets, pictures, videos, media releases or articles, invitations to community stakeholders</i>			
4. Visual & Performing Arts Education Offerings <i>[Operation]</i>	<ul style="list-style-type: none"> Offer one hour of continuous instruction per week in art and music. Participation in at least one district performance or exhibition event (Art competitions, music performance assessments and superintendent's honors festivals). 	<ul style="list-style-type: none"> Offer one hour of continuous instruction per week in art and music. Participation in at least two district performance or exhibition event (Art competitions, music performance assessments and superintendent's honors festivals). 	<ul style="list-style-type: none"> Offer one hour of continuous instruction per week in art and music. Participation in at least three district performance or exhibition event (Art competitions, music performance assessments and superintendent's honors festivals).
Proof or artifacts to quantify STEAM efforts: <i>Master Schedule, agendas and sign-in sheets, pictures, videos, media releases or articles, invitations to community stakeholders</i>			



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5. STEAM Competitions [Operation]	<ul style="list-style-type: none"> Minimum four Science Fair project board submissions; SECME essay, banner, mathematics challenge and two other STEAM-focused events. 	<ul style="list-style-type: none"> Minimum four Science Fair project board submissions; SECME essay, banner, mathematics challenge and three other STEAM-focused events. 	<ul style="list-style-type: none"> Minimum four Science Fair project board submissions; SECME essay, banner, mathematics challenge and four other STEAM-focused events.
Artifacts that quantify STEAM efforts: <i>Student projects and/or score in DCCTM Math Bowl, Dream in Green, Fairchild Challenge, Middlementary Math Bonanza, Robotics Competitions, Science Fair http://science.dadeschools.net/scienceFair/default.html and SECME http://science.dadeschools.net/secme/default.html</i>			
6. Teacher Professional Development [Operation]	<ul style="list-style-type: none"> 40% of STEAM teachers participate in at least one STEAM-focused professional development and there is clear evidence of correlation and its implementation in classroom instruction. 	<ul style="list-style-type: none"> 50% of STEAM teachers participate in at least one STEAM-focused professional development and there is clear evidence of correlation and its implementation in classroom instruction. 	<ul style="list-style-type: none"> 60% of STEAM teachers participate in at least one STEAM-focused professional development and there is clear evidence of correlation and its implementation in classroom instruction.
Proof or artifacts to quantify STEAM efforts: <i>MyLearningPlan Documentation, "Professional Development Metrics Form," agendas, sign-in sheets, lesson plans, student work/artifacts, pictures or videos of teachers incorporating PD information and content in the classroom</i>			
7. Partnerships [Operation]	<ul style="list-style-type: none"> At least two business, community, or post-secondary partnerships are involved in an on-going relationship (at least four interactions) with the STEAM instructional program and are directly connected to in-class learning. 	<ul style="list-style-type: none"> At least three business, community, or post-secondary partnerships are involved in an on-going relationship (at least four interactions) with the STEAM instructional program and are directly connected to in-class learning. 	<ul style="list-style-type: none"> At least four business, community, or post-secondary partnerships are involved in an on-going relationship (at least four interactions) with the STEAM instructional program and are directly connected to in-class learning.
Proof or artifacts to quantify STEAM efforts: <i>Agendas, sign-in sheets, pictures, videos, EESAC (agenda and minutes) and parental involvement activities</i>			
8. STEAM-Science Equity: Minority and economically disadvantaged (free and reduced-price lunch) [Academic]	<ul style="list-style-type: none"> Increase of 3 to 5 percentage points scoring at Achievement Level 3 or higher on the State Science Assessment. OR at least 40% of students at Achievement Level 3 or higher on the State Science Assessment. 	<ul style="list-style-type: none"> Increase of 6 to 11 percentage points scoring at Achievement Level 3 or higher on the State Science Assessment. OR at least 60% of students at Achievement Level 3 or higher on the State Science Assessment. 	<ul style="list-style-type: none"> Increase of 12 or more percentage points scoring at Achievement Level 3 or higher on the State Science Assessment. OR at least 80% of students at Achievement Level 3 or higher on the State Science Assessment.
Proof or artifacts to quantify STEAM efforts: <i>Data Collected by the STEAM School Designation Office</i>			



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9. STEAM-Mathematics Equity: Minority and economically disadvantaged (free and reduced-price lunch) <i>[Academic]</i>	<ul style="list-style-type: none"> Increase of 3 to 4 percentage points scoring at Achievement Level 3 or higher on the State Mathematics Assessment. OR at least 40% of students at Achievement Level 3 or higher on the State Mathematics Assessment. 	<ul style="list-style-type: none"> Increase of 5 to 7 percentage points scoring at Achievement Level 3 or higher on the State Mathematics Assessment. OR at least 60% of students at Achievement Level 3 or higher on the State Mathematics Assessment. 	<ul style="list-style-type: none"> Increase of 8 or more percentage points scoring at Achievement Level 3 or higher on the State Mathematics Assessment. OR at least 80% of students at Achievement Level 3 or higher on the State Mathematics Assessment.
Proof or artifacts to quantify STEAM efforts: Data Collected by the STEAM School Designation Office			
10. Science Accountability <i>[Academic]</i>	<ul style="list-style-type: none"> Increase of 3 to 5 percentage points scoring at Achievement Level 3 or higher on the State Science Assessment. OR at least 40% of students at Achievement Level 3 or higher on the State Science Assessment. 	<ul style="list-style-type: none"> Increase of 6 to 11 percentage points scoring at Achievement Level 3 or higher on the State Science Assessment. OR at least 60% of students at Achievement Level 3 or higher on the State Science Assessment. 	<ul style="list-style-type: none"> Increase of 12 or more percentage points scoring at Achievement Level 3 or higher on the State Science Assessment. OR at least 80% of students at Achievement Level 3 or higher on the State Science Assessment.
Proof or artifacts to quantify STEAM efforts: Data Collected by the STEAM School Designation Office			
11. Mathematics Accountability <i>[Academic]</i>	<ul style="list-style-type: none"> Increase of 3 to 4 percentage points scoring at Achievement Level 3 or higher on the State Mathematics Assessment. OR at least 40% of students at Achievement Level 3 or higher on the State Mathematics Assessment. 	<ul style="list-style-type: none"> Increase of 5 to 7 percentage points scoring at Achievement Level 3 or higher on the State Mathematics Assessment. OR at least 60% of students at Achievement Level 3 or higher on the State Mathematics Assessment. 	<ul style="list-style-type: none"> Increase of 8 or more percentage points scoring at Achievement Level 3 or higher on the State Mathematics Assessment. OR at least 80% of students at Achievement Level 3 or higher on the State Mathematics Assessment.
Proof or artifacts to quantify STEAM efforts: Data Collected by the STEAM School Designation Office			