



STEAM School Designation (Middle School)



Criteria	1 Point	2 Points	3 Points
1. STEAM-School Curriculum Integration [Integration]	<ul style="list-style-type: none"> Evidence of STEAM curriculum integration in one grade-level. 	<ul style="list-style-type: none"> Evidence of STEAM curriculum integration in at least two department-levels. 	<ul style="list-style-type: none"> Evidence of STEAM curriculum integration at the 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 [Operation]	<ul style="list-style-type: none"> At least 25% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. At least 5% of 7th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. 	<ul style="list-style-type: none"> At least 35% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. At least 10% of 7th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. 	<ul style="list-style-type: none"> At least 45% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. At least 15% of 7th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined.
Proof or artifacts to quantify STEAM efforts: <i>Master schedule and student count in courses</i>			
3. STEAM-Mathematics Offerings [Operation]	<ul style="list-style-type: none"> Fulfill course offering of Algebra I Honors. At least 25% of 8th grade students enrolled in Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offering of Algebra I Honors. At least 35% of 8th grade students enrolled in Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offerings of Algebra I Honors and Geometry Honors. At least 45% of 8th grade students enrolled in Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined. At least 15% of 7th grade students enrolled in Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined.
Proof or artifacts to quantify STEAM efforts: <i>Master schedule and student count in courses</i>			



STEAM School Designation (Middle School)



Criteria	1 Point	2 Points	3 Points
4. Visual & Performing Arts Education Offerings [Operation]	<ul style="list-style-type: none"> Offer one of the VPA Strands (Band, orchestra, chorus, art, drama, dance, guitar, etc.) in its complete course sequence (Levels I-III). Participation in at least one district performance or exhibition event (Art competitions, music performance assessments, solo & ensembles, superintendent's honors festivals). 	<ul style="list-style-type: none"> Offer two of the VPA Strands (Band, orchestra, chorus, art, drama, dance, guitar, etc.) in its complete course sequence (Levels I-III). Participation in at least two district performance or exhibition event (Art competitions, music performance assessments, solo & ensembles, superintendent's honors festivals). 	<ul style="list-style-type: none"> Offer three of the VPA Strands (Band, orchestra, chorus, art, drama, dance, guitar, etc.) in its complete course sequence (Levels I-III). Participation in at least three district performance or exhibition event (Art competitions, music performance assessments, solo & ensembles, 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>			
5. Career & Technical Education [Operation]	<ul style="list-style-type: none"> Offer at least one of the Career Technical Education (CTE) course within STEM career cluster. Maintain the minimum district average passing rate for the accompanying Industry Certification Exam (ICE). 	<ul style="list-style-type: none"> Offer at least two of the CTE courses within STEM career cluster. Maintain the minimum district average passing rate for the accompanying ICE. 	<ul style="list-style-type: none"> Offer at least three of the CTE courses within STEM career cluster. Maintain the minimum district average passing rate for the accompanying ICE.
Proof or artifacts to quantify STEAM efforts: <i>Master schedule, CTE STEM courses and ICE data</i>			
6. STEAM Competitions [Operation]	<ul style="list-style-type: none"> CTE: Maintain good standing in related CTSO and participate in local competition in respective organization. SECME and Science Fair: Minimum five Science Fair project board submissions; SECME essay, banner, Mathematics Challenge and two other STEAM-focused events. 	<ul style="list-style-type: none"> CTE: Maintain good standing in related CTSO and participate in local competition in respective organization. SECME and Science Fair: Minimum seven Science Fair project board submissions; SECME essay, banner, Mathematics Challenge and four other STEAM-focused events. 	<ul style="list-style-type: none"> CTE: Maintain good standing in related CTSO and participate in local competition in respective organization. SECME and Science Fair: Minimum seven Science Fair project board submissions; SECME essay, banner, Mathematics Challenge and six other STEAM-focused events.
Artifacts that quantify STEAM efforts: <i>CTSO Competition Results & The FAIR competition results; Dream in Green, Fairchild Botanical Garden, Math Counts, DCCTM Math Bowl, Middlementary Math Bonanza, Robotics Competitions, School-sponsored clubs, SECME http://science.dadeschools.net/secme/default.html and Science Fair http://science.dadeschools.net/scienceFair/default.html</i>			



STEAM School Designation (Middle School)



Criteria	1 Point	2 Points	3 Points
7. 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.
<p>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></p>			
8. 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.
<p>Proof or artifacts to quantify STEAM efforts: <i>work-based learning plan, college/industry visits, research, advisory committee membership list, guest speakers, agendas and sign-in sheets</i></p>			
9. STEAM-Science Equity: Minority and economically disadvantaged (free and reduced-price lunch) [Academic]	<ul style="list-style-type: none"> At least 25% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. At least 5% of 7th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. 	<ul style="list-style-type: none"> At least 35% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. At least 10% of 7th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. 	<ul style="list-style-type: none"> At least 45% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. At least 15% of 7th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined.
	<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 (including Biology EOC). OR at least 40% of students scoring at Achievement Level 3 or higher on the State Science Assessment, with the exception of Biology EOC, scoring at least 80%. 	<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 (including Biology EOC). OR at least 60% of students scoring at Achievement Level 3 or higher on the State Science Assessment, with the exception of Biology EOC, scoring at least 85%. 	<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 (including Biology EOC). OR at least 80% of students scoring at Achievement Level 3 or higher on the State Science Assessment and Biology EOC, scoring at least 90%.
<p>Proof or artifacts to quantify STEAM efforts: <i>Data Collected by the STEAM School Designation Office</i></p>			



STEAM School Designation (Middle School)



Criteria	1 Point	2 Points	3 Points
10. STEAM-Mathematics Equity: Minority and economically disadvantaged (free and reduced-price lunch) <i>[Academic]</i>	<ul style="list-style-type: none"> Fulfill course offering of Algebra I Honors. At least 25% of 8th grade students enrolled in Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offering of Algebra I Honors. At least 35% of 8th grade students enrolled in Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offerings of Algebra I Honors and Geometry Honors. At least 45% of 8th grade students enrolled in either Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined. At least 15% of 7th grade students enrolled in Algebra I Honors, Geometry Honors, PreIB Mid Yrs and/or PreAICE combined.
	<ul style="list-style-type: none"> Increase of 3 to 4 percentage points scoring at Achievement Level 3 or higher on the grades 6-8 State Mathematics Assessment (including EOC's) and at least 80% of students taking the Algebra I and Geometry EOCs score at Achievement Level 3 or higher. OR at least 40% of students scoring at Achievement Level 3 or higher on the State Mathematics Assessment, with the exception of Algebra I and Geometry EOC, scoring at least 80%. 	<ul style="list-style-type: none"> Increase of 5 to 7 percentage points scoring at Achievement Level 3 or higher in on the grades 6-8 State Mathematics Assessment (including EOC's) and at least 85% of students taking the Algebra I and Geometry EOCs score at Achievement Level 3 or higher. OR at least 60% of students scoring at Achievement Level 3 or higher on the State Mathematics Assessment, with the exception of Algebra I and Geometry EOC, scoring at least 85%. 	<ul style="list-style-type: none"> Increase of 8 or more percentage points scoring at Achievement Level 3 or on the grades 6-8 State Mathematics Assessment (including EOC's) and at least 90% of students taking the Algebra I and Geometry EOC score at Achievement Level 3 or higher. OR at least 80% of students scoring at Achievement Level 3 or higher on the State Mathematics Assessment, Algebra I and Geometry EOC, scoring at least 90%.
Proof or artifacts to quantify STEAM efforts: Data Collected by the STEAM School Designation Office			
11. 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 (including Biology EOC). OR at least 40% of students scoring at Achievement Level 3 or higher on the State Science Assessment, with the exception of Biology EOC, scoring at least 80%. 	<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 (including Biology EOC). OR at least 60% of students scoring at Achievement Level 3 or higher on the State Science Assessment, with the exception of Biology EOC, scoring at least 85%. 	<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 (including Biology EOC). OR at least 80% of students scoring at Achievement Level 3 or higher on the State Science Assessment, with the exception of Biology EOC, scoring at least 90%.
	Proof or artifacts to quantify STEAM efforts: Data Collected by the STEAM School Designation Office		
12. 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 grades 6-8 State Mathematics Assessment (including EOC's) and at least 80% of students taking the Algebra I and Geometry EOCs score at Achievement Level 3 or higher. OR at least 40% of students scoring at Achievement Level 3 or higher on the State Mathematics Assessment with the exception of Algebra I and Geometry EOC, scoring at least 80%. 	<ul style="list-style-type: none"> Increase of 5 to 7 percentage points scoring at Achievement Level 3 or higher in on the grades 6-8 State Mathematics Assessment (including EOC's) and at least 85% of students taking the Algebra I and Geometry EOCs score at Achievement Level 3 or higher. OR at least 60% of students scoring at Achievement Level 3 or higher on the State Mathematics Assessment with the exception of Algebra I and Geometry EOC, scoring at least 85%. 	<ul style="list-style-type: none"> Increase of 8 or more percentage points scoring at Achievement Level 3 or on the grades 6-8 State Mathematics Assessment (including EOC's) and at least 90% of students taking the Algebra I and Geometry EOC score at Achievement Level 3 or higher. OR at least 80% of students scoring at Achievement Level 3 or higher on the State Mathematics Assessment with the exception of Algebra I and Geometry EOC, scoring at least 90%.
	Proof or artifacts to quantify STEAM efforts: Data Collected by the STEAM School Designation Office		



STEAM School Designation (Middle School)



DRAFT