




STEAM School Designation (Middle School)



Face-to-Face

Criteria#	Limited Evidence#	Some Evidence#	Clearly Evident#
1. STEAM-School Curriculum Integration [Integration] 	<ul style="list-style-type: none"> School-wide evidence of STEAM curriculum integration (6th – 8th). STEAM teachers include ALL: Science, Mathematics, Visual and Performing Arts, Career and Technical Education, and ESE teachers. 	<ul style="list-style-type: none"> School-wide evidence of STEAM curriculum integration (6th – 8th).# STEAM teachers include ALL: Science, Mathematics, Visual and Performing Arts, Career and Technical Education, and ESE teachers.# 	<ul style="list-style-type: none"> School-wide evidence of STEAM curriculum integration (6th – 8th).# STEAM teachers include ALL: Science, Mathematics, Visual and Performing Arts, Career and Technical Education, and ESE teachers.# <p>#</p>
Artifacts to quantify STEAM efforts: lesson plans and student-centered artifacts			



Criteria	1 Point	2 Points	3 Points
2. STEAM-Science Offerings [Academic]	<ul style="list-style-type: none"> Fulfill course offerings of Physical Science Honors, Biology Honors, PreIB, and/or PreAICE combined. At least 25% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offerings of Physical Science Honors, Biology Honors, PreIB, and/or PreAICE combined. At least 35% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offerings of Physical Science Honors, Biology Honors, PreIB, and/or PreAICE combined. At least 45% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined
<i>Data collected by the STEAM School Designation District Office</i>			
3. STEAM-Mathematics Offerings [Academic]	<ul style="list-style-type: none"> Fulfill course offerings of Algebra I Honors and/or Geometry Honors. At least 25% of 8th-grade students enrolled in Algebra I Honors, Geometry Honors, IB MYP Alg 1, IB MYP Geo, and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offerings of Algebra I Honors and/or Geometry Honors. At least 35% of 8th-grade students enrolled in Algebra I Honors, Geometry Honors, IB MYP Alg 1, IB MYP Geo, and/or PreAICE combined. 	<ul style="list-style-type: none"> Fulfill course offerings of Algebra I Honors and/or Geometry Honors. At least 45% of 8th-grade students enrolled in Algebra I Honors, Geometry Honors, IB MYP Alg 1, IB MYP Geo, and/or PreAICE combined.
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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). Superintendent's Honors Music Festival or Superintendent's Dance Showcase 1 Visual Arts Authentic Assessment 1 Visual Arts OR Performing Arts competition 	<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). Superintendent's Honors Music Festival or Superintendent's Dance Showcase 1 Performing Arts Competition 2 Visual Arts Authentic Assessments 	<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). Superintendent's Honors Music Festival or Superintendent's Dance Showcase 1 Performing Arts Competition 2 Visual Arts Authentic Assessments 1 Other Visual OR Performing Art Competition
Artifacts to quantify STEAM efforts: cover page, VPA participation in State or National Performing Arts competition, collected by the STEAM School Designation District Office			
5. Career & Technical Education [Operation] 	<ul style="list-style-type: none"> Offer at least one of the Career Technical Education (CTE) programs. Maintain the minimum district average passing rate for Industry Certification Exams (ICE). Maintain a good standing in related CTSO AND participate in local District-Sponsored competitions. <i>(Include a copy of CTSO Certificate of Affiliation)</i> 	<ul style="list-style-type: none"> Offer at least two of the Career Technical Education (CTE) programs. Maintain the minimum district average passing rate for Industry Certification Exams (ICE). Maintain a good standing in related CTSO AND participate in local District-Sponsored competitions. <i>(Include a copy of CTSO Certificate of Affiliation)</i> 	<ul style="list-style-type: none"> Offer at least three of the Career Technical Education (CTE). Programs. Maintain the minimum district average passing rate for Industry Certification Exams (ICE). Maintain a good standing in related CTSO AND participate in local District-Sponsored competitions. <i>(Include a copy of CTSO Certificate of Affiliation)</i>
Artifacts to quantify STEAM efforts: cover page, CTE programs http://dcte.dadeschools.net/cteprograms.html and Career and Technical Student Organization (CTSO) http://dcte.dadeschools.net/studentorg.html District-Sponsored competitions: Innovate@CTEC, The FAIR and The Education Fund			
6. Teacher Professional Development [Operation]	<ul style="list-style-type: none"> 60% of STEAM teachers participate in at least one STEAM-focused professional development (including virtual), and there is clear evidence of correlation and its implementation in classroom instruction. 	<ul style="list-style-type: none"> 70% of STEAM teachers participate in at least one STEAM-focused professional development (including virtual), and there is clear evidence of correlation and its implementation in classroom instruction. 	<ul style="list-style-type: none"> 80% of STEAM teachers participate in at least one STEAM-focused professional development (including virtual), and there is clear evidence of correlation and its implementation in classroom instruction.
Artifacts to quantify STEAM efforts: STEAM School Designation member-approved master schedule, PDMS certificates, and Professional Development Metrics Form			



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7. STEAM Competitions [Operation] 	<ul style="list-style-type: none"> Science Fair: one project board submission and minimal alignment with grade-level specific standards. SECME: Participate in at least three (3) SECME competitions, one (1) must be testable. Robotics: participation in one competition One additional competition from the approved competitions list. 	<ul style="list-style-type: none"> Science Fair: two project board submissions and minimal alignment with grade-level specific standards. SECME: Participate in at least three (3) SECME competitions, one (1) must be testable. Robotics: participation in two competitions Three additional competitions from the approved competitions list. 	<ul style="list-style-type: none"> Science Fair: three project board submissions and minimal alignment with grade-level specific standards. SECME: Participate in at least three (3) SECME competitions, one (1) must be testable. Robotics: participation in three competitions Five additional competitions from the approved competitions list.
<i>See the district-approved competitions list in the STEAM handbook</i>			
8. Partnerships [Operation] 	Two entity-based business, community, or post-secondary partnerships are involved in an ongoing relationship (four virtual or face-to-face interactions per partnership) with the STEAM instructional program and are directly connected to in-class learning and standard-driven.	Three entity-based business, community, or post-secondary partnerships are involved in an ongoing relationship (four virtual or face-to-face interactions per partnership) with the STEAM instructional program and are directly connected to in-class learning and standard-driven.	Four entity-based business, community, or post-secondary partnerships are involved in an ongoing relationship (four virtual or face-to-face interactions per partnership) with the STEAM instructional program and are directly connected to in-class learning and standard-driven.
Artifacts to quantify STEAM efforts: cover page (including standards per partnership)			
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. Increase of 3 to 4 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"> At least 35% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. Increase of 5 to 7 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"> At least 45% of 8th grade students enrolled in Physical Science Honors, Biology Honors, PreIB and/or PreAICE combined. Increase of 8 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%.
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Criteria	1 Point	2 Points	3 Points
10. STEAM-Mathematics Equity: Minority and economically disadvantaged (free and reduced-price lunch) [Academic]	<ul style="list-style-type: none"> Fulfill course offerings of Algebra I Honors and/or Geometry Honors. At least 25% of 8th-grade students enrolled in Algebra I Honors, Geometry Honors, IB MYP Alg 1, IB MYP Geo, and/or PreAICE combined. 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). 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"> Fulfill course offerings of Algebra I Honors and/or Geometry Honors. At least 25% of 8th-grade students enrolled in Algebra I Honors, Geometry Honors, IB MYP Alg 1, IB MYP Geo, and/or PreAICE combined. 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). 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"> Fulfill course offerings of Algebra I Honors and/or Geometry Honors. At least 25% of 8th-grade students enrolled in Algebra I Honors, Geometry Honors, IB MYP Alg 1, IB MYP Geo, and/or PreAICE combined. Increase of 8 or more percentage points scoring at Achievement Level 3 or higher on the grades 6-8 State Mathematics Assessment (including EOC's). 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%.
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11. Science Accountability [Academic]	<ul style="list-style-type: none"> Increase of 3 to 4 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 5 to 7 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 8 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%.
<i>Data collected by the STEAM School Designation District Office</i>			
12. Mathematics Accountability [Academic]	<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). 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). 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 higher on the grades 6-8 State Mathematics Assessment (including EOC's). 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%.
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 Handbook	Incorporate sustainability practices 
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