Evaluation Measures and Data

Below are examples of evaluation methods to assess each Solution Option against each Evaluation Criterion. The first column shows the overarching issue or "Overarching evaluation criterion." The second column shows more specific and measurable facets or "Granular Evaluation Criteria" for each overarching criterion against which you might assess each Solution Option. The third column provides suggestions for how you can measure the facets described by each granular evaluation criterion. The last column suggests the relevant data you would collect for each Solution Option and enter into the online tool.

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Addresses the identified need	Content meets learning objectives	List your learning objectives and evaluate whether each solution option meets each learning objective, 1 for yes and 0 for no on each item, or score using a rubric. Sum the scores for each solution option.	Number of learning objectives articulated, with 0 being lowest and number of articulated learning objectives being highest. For a rubric, use score on rubric.
	Number of students in need who can be served	Count the number of students in need who can be served.	Number of students
Equity	Accessible to target population	Calculate the % of target population for whom option is accessible.	Percent
	Distribution of resources across population to be served	Calculate the difference in the resource level allocated to subgroups of students, e.g., difference in expenditure per student between white students and black students	Dollars
	Number of students participating	Calculate the number of students reached.	Number of students
	Serves historically underserved groups	Calculate the % of historically underserved students in your population that will be served.	Percent

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
External recommendations	Recommendations from external experts	For each solution option, ask 4 to 10 people who are very familiar with it to rate the program on how highly they recommend it on a scale of 0 to 10. Average the scores for each option.	Average score on scale of 0 to 10
	Recommendations from external peers	For each solution option, ask 4 to 10 people who are very familiar with it to rate the program on how highly they recommend it on a scale of 0 to 10. Average the scores for each option.	Average score on scale of 0 to 10
Feasibility of implementation	Accessibility of physical location	Calculate the average distance between the physical location and students' /teachers' homes or schools.	Average distance in miles
	Amount of change in personnel resource requirements (e.g., time and number of staff) from the current status	Calculate the number of additional FTEs required to make the change; number of days required to make the change.	FTEs or days or hours
	Amount of technical support needed	Calculate the number of hours of technical support needed per year.	Hours
	Amount of training/PD needed	Calculate the number of hours of training/PD needed in total; average hours of training/PD for each teacher/staff member; number of teachers and staff members that need to be trained.	Hours or # of staff

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Feasibility of implementation	Availability of necessary personnel, facilities, materials and equipment	List the quantity of each resource (personnel/facilities/materials/equipment) needed to implement each option with fidelity (e.g., 5 teachers with 10 years of teaching experience) and score 0=No, 1=Yes for each item based on whether it is likely to be available. Sum the scores for each option.	Number of resources from 0 to Total number of resources required
	Availability of technical support to support implementers	Calculate the number of hours of technical support available per year. Or create a checklist of technical support items that might be needed and score 0=No, 1=Yes for availability of each item from each Solution Option and sum the scores for each option.	Hours or score from 0 to Total number of technical support items available from checklist
	Availability of training/PD to support implementers	Calculate the number of hours of training/PD available in total; average hours of training/PD provided to each teacher/staff member; number of hours of online/in-person group training/in person one-on-one coaching provided.	Hours
	Can be implemented in desired timeline	Indicate your level of certainty (between 0 and 100%) that each option can be implemented within the desired timeline	Percent
	Capacity/skill level of current teachers/staff to implement option with fidelity	Ask teacher leader/instructional coach to review each option and list teacher skills needed and to provide a score as to the current capacity level of teachers on each skill.	Sum of scores

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Feasibility of implementation	Compatibility with existing systems	Create a checklist of systems that solution options must be compatible with and ask relevant staff member to rate each option for compatibility with each system 0=No, 1=Partial, and 2=Yes and sum the scores for each option.	Sum of scores
	Ease of use/ User friendliness	Set up demos of each solution option and invite users to try them out and score each one for ease of use on a scale of 0-10. Average scores across users for each solution option.	Average score on scale of 0 to 10, with 0 being not easy to use at all, and 10 being extremely easy to use.
	Effect on teacher/staff workload	Estimate the increase or decrease in number of hours of work required to implement each solution option (total across all implementers or average hrs per person).	Hours (total or per person)
	Evidence of successful implementation in similar schools/districts/states	Count the number of similar sites at which each option has been successfully implemented.	Number of sites
	Financial sustainability over time	Calculate the percent of necessary funding amount likely to be available each year.	Percent
	Fit with school calendar/schedule	Ask School Scheduler to review each solution option and score fit on a scale of 0-10.	Average score on a score on scale of 0 to 10
	Likelihood this option will continue to be implemented with fidelity over time	Create a rubric to assess items important for fidelity of implementation (e.g., funding, staff, training, materials) and score each solution option against the rubric.	Total score on rubric

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Feasibility of implementation	Scalability	Estimate the number of students that could be adequately served given available funding, personnel, facilities and other resources.	Number of students
	Solid plan proposed for financing	Ask finance personnel to review funding plan for each solution option and indicate the percentage of required funding they expect to be available for each solution option.	Percent
	Solid plan proposed for implementation	Create a checklist of implementation issues and score each solution option on how well it addresses each one. Sum the scores for each solution option.	Score on a rubric
Fit with local context	Alignment to state/district/school mission and/or vision	Ask Board Members or staff to score each solution option on how well it aligns with mission and/or vision. Sum the scores for mission and vision for each person, and average respondents' scores for each option.	Average score on scale of 0 to 10
	Alignment with current school/district/state curriculum	Invite curriculum coordinators/teachers to review each solution option on how well it aligns with current curriculum and provide scores based on a rubric or on a scale of 0 to 10. Average their contributed scores.	Score on a rubric, or scale of 0 to 10
	Alignment with current state/district/school priorities	Score each solution option on how well it aligns with each priority either on a rubric or on a scale of 0 to 10. If multiple people contribute, average their contributed scores.	Score on a rubric, or scale of 0 to 10

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Fit with local context	Appropriate for student/staff demographics	Ask diverse staff/parent/student representatives to score each solution option on a scale of 0-10 to reflect its appropriateness for student/staff demographics. Average their contributed scores.	Average score on a scale of 0 to 10
	Customizability of solution to local needs	Score each solution option on a scale of 0 to 10 to reflect the ease with which it can be customized to meet local needs.	Score on a scale of 0 to 10
	Fit with local cultural values	Survey Board Members/staff/parents/students to score each solution option on how well it fits with a list of local cultural values using a scale of 0 to 10 for each value. Total each respondent's scores, and average respondents' scores for each option.	Average score on a scale of 0 to 10
	Impact on central control	Ask central leadership to review each solution option and assess on a scale of 0-10 how well it supports central control. Average contributed scores.	Average score on a scale of 0 to 10
	Impact on local autonomy	Ask local and central leadership to review each option and assess on a scale of 0-10 how well it supports local autonomy. Average contributed scores.	Average score on a scale of 0 to 10
	Political value	Ask Board Members to review each solution option and score on a scale of 0-10 how well each one meets their constituents' needs. Average contributed scores.	Average score on a scale of 0 to 10

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Fit with local context	Viable in current political context	Ask Board Members to review each solution option and score on a scale of 0-10 how much their constituents support each option. Average contributed scores.	Average score on a scale of 0 to 10
Impact on parent engagement	Number of times parents call school	Maintain a log of calls from parents in student information system.	Number of calls
	Number of hours parents help children with homework	Text survey to parents once per week asking how many hours they have helped their child with homework over the last week. Average responses for each solution option.	Average number of hours per parent per week
	Encourages parents to show up to PTA meetings	Calculate the average parent attendance rate at PT meetings this year.	Percent
	Number of hours parents read to their child	Text survey to parents once per week asking how many hours they have read to their child in last week. Average responses for each solution option.	Average number of hours per parent per week
Impact on student academic performance	Impact on standardized test scores	Calculate the change in average standardized test scores before and after implementing each solution option.	Standardized test scores
	Impact on student grades	For each solution option, calculate the change in students' grades before and after implementing each solution option.	GPA
	Impact on college admission	Calculate the change in number or % of high school students per year admitted to college before and after implementing/piloting each solution option.	Percentage points (or number of students)

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Impact on student academic performance	Impact on course completion	Calculate the change in number of courses completed per student by end of Grade 12 before and after implementing/piloting each solution option.	Number of courses per student
	Impact on graduation	Calculate the change in number or % of high school students per year graduating within 4 years before and after implementing/piloting each solution option.	Percentage points (or number of students)
	Impact on progression to higher grade	Calculate the change in number or % of students per year progressing to next grade before and after implementing/piloting each solution option.	Percentage points/ percent/ number of students
	Impact on progression towards graduation	Calculate the change in number or % of students per year on target to graduate on time before and after implementing/piloting each solution option.	Percentage points/ percent/ number of students
	Impact on closing the achievement gap	Calculate the change in average achievement scores of one subgroup of students relative to another subgroup before and after implementing/piloting each solution option.	Percentage points or raw test scores
Impact on student socio-emotional development	Impact on student sense of belongingness	Conduct a survey of student self-reported sense of belonging before and after implementing/piloting each solution option. Score responses and average for each solution option.	SOBI scale or other validated scale
	Impact on incidence of misbehavior	Calculate the change in number of incidents of misbehavior before and after implementing/piloting each solution option.	Number of behavior incidents

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Impact on student socio-emotional development	Impact on school climate	Survey students and staff on school climate issues before and after implementing/piloting each solution option and score responses. Sum the responses from each respondent and average for each solution option.	School climate index
	Impact on suspensions	Calculate the change in number of suspensions or the total days of suspensions before and after implementing/piloting each solution option.	Number of suspensions or days of suspensions
Impact on student/staff engagement	Impact on attendance	Calculate the change in number of student absentees or the total days of absence before and after implementing/piloting each solution option.	Number of truants or Number of days absent
	Impact on staff absenteeism	Calculate the change in number of staff absentees or the total days of absence before and after implementing/piloting each solution option.	Number of staff or days of absence
	Impact on staff/teacher/student effort	Conduct a survey of self-reported level of effort (rating of 0-10) before and after implementing/piloting each solution option. Average contributed scores.	Average score for this solution option on a scale of 0 to 10
	Impact on student-teacher interaction	Calculate the change in the frequency of student-teacher learning interactions before and after implementing/piloting each solution option.	Number of student-teacher interactions
Improves teacher performance	Improves teacher time-on-task	Calculate the change in time-on-task for teachers on specified activities each week before and after implementing each solution option.	Minutes/ Hours

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Improves teacher performance	Improves student time-on-task	Calculate the change in time-on-task for students on specified activities each week before and after implementing each solution option.	Minutes/ Hours
	Improves teacher value-added	Calculate the changes in student performance relative to expectations.	Student test scores
	Improves teacher pedagogical skills	Use existing instrument (e.g., CLASS) or devise a rubric for desired pedagogical skills and conduct observations in classrooms where each solution option is being implemented/piloted. Need before and after observations. For each solution option, average the change in rubric scores.	Score on rubric
	Improves teacher content knowledge	Administer a test of teacher content knowledge before and after implementing/piloting each solution option. For each option, average the teacher gains.	Percentage points
Meets required standards and regulations	Addresses safety concerns	Create a list of safety concerns and score each solution option on how well it mitigates each concern on a scale of 0 to 10. Sum the scores for each option.	Total score
	Alignment with state code and other regulations	Create a list of requirements and score each solution option on how well it aligns with code or regulations on a scale of 0 to 10. Sum the scores for each option.	Total score
	Compliance with regulations	Create a list of regulations and score each solution option on how well it complies with each regulation on a scale of 0 to 10. Sum the scores for each option.	Total score

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Meets required standards and regulations	Meets privacy standards	Create a list of privacy standards and score each solution option on how well it complies with each standard on a scale of 0 to 10. Sum the scores for each option.	Total score
	Content maintains level of rigor/quality of learning	Ask curriculum coordinators/teachers to review content of each solution option and score the level of rigor/quality on a scale of 0-10. Average contributed scores.	Average score on a scale of 0 to 10.
	Meets state/district/school standards	Create a list of state/district/school standards and score each solution option on how well it complies with each standard on a scale of 0 to 10. Sum the scores for each option.	Total score
Quality of implementation (for programs/strategies/tools already in place)	Consistency of implementation across sites	For each solution option being evaluated, devise an implementation rubric and conduct observations at each site. Calculate the range or standard deviation of scores across sites for each option. (Smaller ranges or standard deviations are preferable for consistency).	Range or standard deviation of scores on rubric
	Fidelity of implementation	For each solution option being evaluated, devise an implementation rubric and conduct observations at each site. Calculate the average score across sites for each option. (Higher scores are preferable for fidelity).	Rubric score
	Level of monitoring conducted	Survey schools implementing each option to ask whether monitoring is provided, 0=No, 1=Yes. Or score quality of monitoring on scale of 0 to 10. Sum responses from all schools for each option.	Number of schools indicating yes or Average Quality Score on Scale of 0 to 10

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Quality of implementation (for programs/strategies/tools already in place)	Quality of technical support provided to implementers	Create a checklist of potential technical support needs and score each solution option on quality of each technical support item provided.	Score on checklist or rubric
	Quality of training delivered	Devise a rubric for training quality and score each solution option based on observations of training sessions or review of training materials and design.	Score on rubric
	Change in teacher pedagogy	Use a walk thru observation sheet/checklist before and after implementing/piloting solution options to check for desired changes in practice. Score 0=No, 1=Yes for each item or rate on a scale of 0-5. Average the change in scores across teachers for each solution option.	Average change in total score
Support from stakeholders	Board preference/buy-in/support	Ask Board members to rate their preference or support for each solution option on a Scale of 0-10. Average the scores across all the respondents.	Average score on a scale of 0 to 10
	Community preference/buy-in/support	Ask a sample of community members to rate their preference or support for each solution option on a Scale of 0-10. Average the scores across all the respondents.	Average score on a scale of 0 to 10
	Parent preference/buy-in/support	Ask parents or representatives to rate their preference or support for each solution option on a Scale of 0-10. Average the scores across all the respondents.	Average score on a scale of 0 to 10

Overarching evaluation criterion	Granular evaluation criterion	How will you measure this?	Data to enter
Support from stakeholders	Student preference/buy-in/support	Ask students or representatives to rate their preference or support for each solution option on a Scale of 0-10. Average the scores across all the respondents.	Average score on a scale of 0 to 10
	Teacher preference/buy-in/support	Ask teachers or representatives to rate their preference or support for each solution option on a Scale of 0-10. Average the scores across all the respondents.	Average score on a scale of 0 to 10
	Union preference/buy-in/support	Ask union members or representatives to rate their preference or support for each solution option on a Scale of 0-10. Average the scores across all the respondents.	Average score on a scale of 0 to 10