

INNOVATION CONFIGURATION

Reimagining Middle Grades

2018 - 2025

Chief: Dr. Nicole Mancini, Office of Academics

Director: Guy Barmoha

Course Group Number: 39001852

Purpose

When students are not engaged in school, they are either absent, tend to misbehave, or their grades drop. We are planning to engage students in relevant, real life situations that include project-based learning, infusion of social and emotional learning strategies, and give students more opportunities to connect to school life through extra-curricular activities and applied learning experiences, such as electives.

A Supportive School Environment is warm, welcoming, and nurturing to all. Adults in a supportive school environment are sensitive to students' unique needs, respect students as autonomous individuals, support their sense of agency, view misbehavior as an opportunity for coaching and growth, and set up the environment to facilitate students' experiencing success. Leadership in a Supportive School Environment treat teachers and staff in the same manner, and together all create a school family. Students who are part of a caring school family feel connected and as a result are more motivated and engaged in school.

The philosophy, skills, and strategies of Conscious Discipline are the core learning for the professional development in creating a supportive school environment. Conscious Discipline is an evidence-based program that was developed by Dr. Becky Bailey utilizing research and theory from dozens of experts in a number of fields including developmental psychology, child psychotherapy and neuroscience. Conscious Discipline is a comprehensive, life-changing program for adults that raises their level of emotional intelligence and empowers them to proactively manage conflict and build a school family in their classrooms. Teachers learn to identify and effectively respond to children's social and emotional needs and build their classroom culture on safety, connections, and problem-solving rather than relying on the use of external rewards and punishments. As a result, student develop self-management skills.

Theory of Action

IF we redesign the middle grades experience so that ALL students engage in project- and problembased Interdisciplinary learning, are supported in a warm environment where their unique educational needs are met, and have an opportunity to express themselves in all academic content areas, THEN on-grade level performance will increase in both English-Language Arts (ELA) and Mathematics and they will transition successfully to high school.

Needs Assessment

The focus in the middle school years (grades 6–8) is the application of learning and skills with projects and problems that integrate prior knowledge and extend understanding through new experiences. These activities are designed to utilize the mix of independence and insecurity that are characteristic of early adolescence. By engaging students with developmentally appropriate pedagogy, an interdisciplinary curriculum, individual challenges and global perspectives, we will build a solid foundation for college and career success.

The middle grades have been largely neglected during national conversations about school improvement. Many considered them an unimportant way station on the path to high school— a

chance for students to deal with the challenges of adolescence, but with minimal expectations for achievement. Recently, the critical importance of the middle grades has become more apparent.

For example, researchers have found a few basic factors from the middle grades (grades, attendance and behavior) can predict, with 75 percent accuracy, which students will drop out—long before they do. Too often, students who leave eighth grade without the essential skills they will need for college and career readiness never catch up. If these students are identified in the middle grades, schools can create targeted and timely interventions that can dramatically improve the chance of high school success.

We will improve our curriculum and instruction to ensure the future success of BCPS students. We must have a systemic, comprehensive approach that focuses on improving outcomes and learning environments for all young adolescents in the District. The combination of acceleration, remediation and extension that teachers need to orchestrate for students is best accomplished through project- and problem-based learning environments.

To improve middle grades learning, we must provide intensive training for educators and parents in four key areas:

- 1. understand adolescent development and its implications for instruction, discipline and the organization of middle grade schools;
- 2. use data (including, but not limited to, test scores) to design and implement rigorous and customized instruction;
- 3. help teachers collaborate across grade levels and subjects to create thematic curriculum units that make learning engaging and challenging; and
- 4. establish college and career awareness and readiness programs to expose students earlier to opportunities available after high school.

From the infusion of Project-Based Learning Experience we hope to see an increase in student attendance, a decrease in behavior incidents, as well as an increase in course grades and standardized State assessments^{*}.

Updated	Middle Schools*					
March 2018	State Average	BCPS Baseline	2019 Desired Target	2019 Stretch Target		
Reading	52.0	53.9	55.6	57.5		
Math	55.0	57.1	60.0	61.5		

* Includes all schools (traditional and charter schools) combined grades 6-8. Percentage of students level-3 and above. Need for Project-based Learning

Needs Assessment for a Project-Based Learning Curriculum:

Results from a survey of 2,000 middle school students regarding the current structure of curriculum and instruction in the classroom revealed that more than 70% of respondents connected their learning styles to technology, project-based learning, and collaborative group work. Additionally, continual observational data from classroom visits, as well as curriculum evaluations and observations of teacher participants in content area professional development, have demonstrated a need for improvement and emphasis in the following areas of the academic environment:

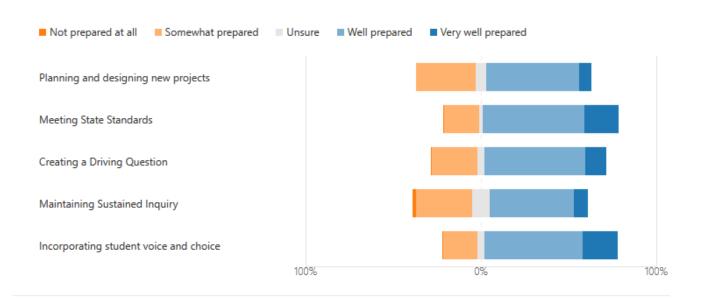
- * Student engagement
- * Deeper learning
- * Student exposure to career skill sets
- * Purposeful and real-world impact
- * 21st Century workplace skills
- * Teacher and student relationship development
- * Creativity
- * Use of technology as a tool

Students actively engage with PBL projects which provide real-world relevance for learning. They can solve problems that are important to them and their communities. Project-based learning leads to deeper understanding and greater retention of content knowledge and students are better able to apply what they know to new situations. Through these projects, students interact with adults, businesses and organizations, and their community, and can develop career interests—demonstrating the real-world impact that is desired. Beyond basic knowledge, students learn to take initiative and responsibility, solve problems, and communicate ideas. Additionally, within a project-based learning curriculum, students utilize a spectrum of technology tools from research and collaboration through product creation and presentation.

As of June 2020, we have had the opportunity to train 560 teachers to date in PBL 101 with PBL Works through our RMG Summer Institute. This number includes teachers who remain within the middle grades after receiving the training.

We gave a survey to those who went through the PBL training in June 2018. There were 257 teachers who attended. There were 244 teachers who responded to the survey via Forms. Of the teachers who responded, there were 21 non-classroom teachers who did not have chance to implement a project. 200 teachers implemented 1 or 2 projects after the training. 50 teachers implemented 3 or more teachers. 63% of the teachers felt it was na effective way to teach the standard.

6. The following statements relate to your own preparation with incorporating the Essential Project Design Elements considered to be a part of the 'PBL Gold Standard'. Select your level of preparation in each of the following categories listed.



The survey was not administered in Spring 2020 because of the school closures due to the pandemic.

More Details

During the summer of 2019, there were 414 responses submitted for the PBL training (Project-Based Learning/Project-Based Learning iCAN) offered. This number includes the 344 from traditional middle schools and an additional 70 from the vertical learning happening in some high schools with the iCAN grant.

There were 225 teachers who participated in a follow-up PBL training during the year. This follow-up training was offered to any teacher who has gone through PBL 101.

- Conquering the Project Calendar in PBL 20 people
- Creating Standards-Based Student Product 38 people
- Designing Learning Targets for PBL 15 people
- Managing the Messy Middle of PBL 76 people
- PBL One on One Coaching 27 people
- RMG Scaffolds for ALL in PBL 27 people
- Supporting Teachers with PBL Coaching 22 people

69% of the respondents of the respondents indicated STRONGLY AGREE in response to the professional learning feedback.

28% of the respondents of the respondents indicated AGREE in response to the professional learning feedback.

1% of the respondents of the respondents indicated DISAGREE in response to the professional learning feedback.

Less than 1% of the respondents of the respondents indicated STRONGLY DISAGREE in response to the professional learning feedback.

2% of the respondents of the respondents indicated UNDECIDED in response to the professional learning feedback.

Results from the PBL Follow-Up Learning During the Year

58% of the respondents of the respondents indicated STRONGLY AGREE in response to the professional learning feedback.

34% of the respondents of the respondents indicated AGREE in response to the professional learning feedback.

1% of the respondents of the respondents indicated DISAGREE in response to the professional learning feedback.

2% of the respondents of the respondents indicated STRONGLY DISAGREE in response to the professional learning feedback.

5% of the respondents of the respondents indicated UNDECIDED in response to the professional learning feedback.

Teachers who attended all sessions and provided the follow-up were provided the ability to complete the professional learning feedback form.

Based on participant feedback for PBL, respondents were able to appreciate the collaboration with other schools. They found the facilitators to be knowledgeable. They also appreciated being able to work on a project during the workshop.

Need for a Supportive School Environment

Results from a pilot survey of nine schools serving grades 6-8 demonstrated a need for improvement in the supportive school environment. In comparison to a national database of students who took the same survey scales, BCPS middle schools ranked substantially lower than the majority (80 – 90%) of schools in all four of the scales measuring supportive school environment. These scales are Teacher-Student Relationships (10th percentile), School Climate (10th percentile), School Safety (10th percentile) and Sense of Belonging (20th percentile).

The focus of Conscious Discipline is in teaching the adults at schools how to manage their interactions and relationships with each other and with children in order to improve all of those measures. Additionally, classroom management skills learned by teachers in the Conscious Discipline program help students to gain Self-Management skills (20th percentile).

Scale	Percent Favorable	National Percentile Ranking
Grit	56	50
Self-Efficacy	49	40
Self-Management	61	20
Sense of Belonging	38	20
Social Awareness	54	10
Growth Mindset	48	10
Teacher-Student Relationship	45	10
School Safety	42	10
School Climate	37	10

By the end of year three of implementation, it is expected that RMG SEL schools will increase the Teacher-Student Relationship, school climate, and sense of belonging scale percent favorable responses to 50%.

As of June 2020, we have had the opportunity to train 471 teachers to date in Conscious Discipline through our RMG Summer Institute. This number includes teachers who remain within the middle grades after receiving the training.

During July 2018, we trained 217 teachers.

During the RMG Summer Institute that took place in July 2019, there were 260 responses submitted for the SEL training (Conscious Discipline Advanced) offered during the summer.

Summer Learning Results for SEL for Participants of the 2019 Summer Institute

65% of the respondents of the respondents indicated STRONGLY AGREE in response to the professional learning feedback.

30% of the respondents of the respondents indicated AGREE in response to the professional learning feedback.

1% of the respondents of the respondents indicated DISAGREE in response to the professional learning feedback.

1% of the respondents of the respondents indicated STRONGLY DISAGREE in response to the professional learning feedback.

3% of the respondents of the respondents indicated UNDECIDED in response to the professional learning feedback.

Teachers who attended all sessions and provided the follow-up were provided the ability to complete the professional learning feedback form.

Based on participant feedback for SEL, most people found the learning to be relevant, inspirational, and information. There were some comments about the location (auditorium) and others felt concern over the repetition of content. There also was some interest in revisiting this content during the year.

Need for Personalization Classes to Improve the ABCs of Identified Students

The Reimagining Middle Grades work being done is in conjunction with the "School is Cool" grant with the Community Foundation of Broward. Aside from the financial commitment, the Foundation has a keen interest in making an impact on students who are marginal students. To that end, we are tracking very quarter an identified group of students and their progress in attendance, behavior, and grades (ABCs). This research study compares our target group each quarter to the comparison group. The comparison group is made up of students who meet the same criteria as the target group, but those students are at non-CFB schools. Our goal is to have our target population students beat out the comparison group in the ABCs.

The first year our concerted effort to make an impact was done via ESE Support Facilitators at each of the ten Community Foundation schools. This did not render any great gains in the areas of attendance, behavior, and course grades. Additionally, our data analysis pivoted from 2018-2019 to 2019-2020. In 2019-2020, we shifted to adopting the approach from high school and incorporating the PASL class. During the 2019-2020 school year, we had one teacher leader and the AP over PASL to attend District trainings and bring the information back. We will pivot from that approach to offering PD directly to the group of PASL teachers in July 2020.

Overall Results for All Grades (6-8) Absences Behavior Incidents Percent of Students with One or More Unexcused Absences in Percent of Students with One or More Incidents in Quarter 1, 2019-20 Quarter 1, 2019-20 by Group (CFB Target, Comparison) by Group (CFB Target, Comparison) 21.7 22.3 45.0 40.0 15.7 30.0 CFB Target CFB Target Com Comparison English Language Arts Course Performance in Quarter 1, 2019-20 Math Course Performance in Quarter 1, 2019-20 by Group (CFB Target, Comparison) by Group (CFB Target, Comparison) \$ 25 \$ 2.5 틀 2.0 int 2.0 Grade Overall, Grades 6-8 Grade 6 Grade 7 Grade Overall, Grades 6-8 CFB Target Comparison CFB Target Comp

The first quarter results from the 2019-2020 school year are shown below.

To measure the growth in SEL competencies, Reimagining Middle Grades uses Panorama. The target population has been teased out to where we can isolate their growth.

	Fall 2019		Spring 2020		
	Target Population	Peers	Target Population	Peers	
Self-Management	64%	69%	54%	61%	
Grit	64%	63%	53%	55%	
Social Awareness	61%	62%	53%	55%	
Self-Efficacy	55%	55%			

Office of School Support and Accountability, Professional Development Standards and Support Copyright © 2020 Broward County Public Schools

Growth Mindset	59%	54%	50%	48%
Emotion	52%	50%		
Regulation				

Desired Outcomes and Performance Indicators

1.1 Project-Based Learning – Teachers/Individuals						
1.1.1. Design & Plan. Teach	1.1.1. Design & Plan. Teachers will design, plan and implement project-based					
learning for all studer	nts.					
	Performance Indicators					
Gold Standard PBL Teacher	Developing PBL Teacher	Beginning PBL Teacher				
• Project includes all Essential Project Design Elements as described on the Project Design Rubric.	• Project includes all Essential Project Design Elements, but some are not at the highest level of the Project Design Rubric.	• Project includes some Essential Project Design Elements, but not at the highest level of the Project Design Rubric.				
 Plans are detailed and include scaffolding and assessing student learning and a project calendar, which remains flexible to meet student needs. Resources for the project have been anticipated to the fullest extent possible and arranged well in advance. 	 Plans for scaffolding and assessing student learning lack some details; project calendar allows too much or too little time or is followed too rigidly to respond to student needs. Most resources for the project have been anticipated and arranged in advance. 	 Plans for scaffolding and assessing student learning lack some detail; project calendar needs more detail or is not followed. Some resources for the project have not been anticipated or arranged in advance. 				
1.1.2. Align to Standards. Teachers will design project-based learning experiences						
for students that are aligned to the Florida State Standards						
Performance Indicators						
Gold Standard PBL TeacherDeveloping PBL TeacherBeginning PBL Teacher						

Performance Indicators				
Gold Standard PBL Teacher	Developing PBL Teacher	Beginning PBL Teacher		
 Criteria for products are clearly and specifically derived from standards and allows demonstration of mastery. Scaffolding of student learning, critique and revision protocols, assessments and rubrics consistently refer to and support student achievement of specific standards. 	 Criteria for some products are not specified clearly enough to provide evidence that students have met all targeted standards. Scaffolding of student learning, critique and revision protocols, assessments and rubrics do not always refer to or support student achievement of specific standards. 	 Criteria for products are given but are not specifically derived from standards. Scaffolding of student learning, critique and revision protocols, assessments and rubrics do not refer to or support student achievement of specific standards. 		
	1			

1.1.3. **Build the Culture.** Teachers build appropriate culture regarding project based learning in their classrooms.

Performance Indicators				
Gold Standard PBL Teacher	Developing PBL Teacher	Beginning PBL Teacher		
 Norms to guide the classroom are co-crafted with and self-monitored by students. Student voice and choice is 	 Norms to guide the classroom are co-crafted with students, and students are beginning to internalize these norms. 	 Norms are created to guide project work, but they may still feel like "rules" imposed and monitored by the teacher. 		
regularly leveraged and ongoing, including identification of real-	 Student voice and choice is encouraged through intentionally 	 Students are asked for their ideas and given some choices to make, but 		

Office of School Support and Accountability, Professional Development Standards and Support Copyright O 2020 Broward County Public Schools

 world issues and problems students want to address in projects. Students usually know what they need to do with minimal direction from the teacher. Students work collaboratively in healthy, high-functioning teams, much like an authentic work environment; the teacher rarely needs to be involved in managing teams. Students understand there is no single "right answer" or preferred way to do the project, and that it is OK to take risks, make mistakes, and learn from them. The values of critique and revision, persistence, rigorous thinking, and pride in doing high-quality work are shared, and students hold each other accountable to them. 	 designed opportunities, e.g., when choosing teams, finding resources, using critique protocols, or creating products. Students work independently to some extent, but look to the teacher for direction more often than necessary. Student teams are generally productive and are learning what it means to move from cooperation to effective collaboration; the teacher occasionally has to intervene or manage their work. Students understand there is more than one way to answer a driving question and complete the project, but are still cautious about proposing and testing ideas in case they are perceived to be "wrong." The values of critique and revision, persistence, rigorous thinking, and pride in doing high-quality work are promoted by the teacher but not yet owned by students. 	 opportunities for student voice and choice are infrequent or are only related to minor matters. Students occasionally work independently, but often look to the teacher for guidance. Student teams are often unproductive or require frequent intervention by the teacher. Students feel like there is a "right answer" they are supposed to give, rather than asking their own questions and arriving at their own answers; they are fearful of making mistakes. Value is placed on "getting it done" and time is not allowed for revision of work; "coverage" is emphasized over quality and depth.

1.1.4. **Manage Activities** Teachers are able to manage the balance of individual, teamwork, whole group, and small group instruction.

Performance Indicators				
Gold Standard PBL Teacher	Developing PBL Teacher	Beginning PBL Teacher		
 The classroom features an appropriate mixture of individual and teamwork time, whole group and small group instruction. Classroom routines and norms are 	• The classroom features individual and teamwork time, whole group and small group instruction, but these structures are not well- balanced throughout the project.	• The classroom features some individual and teamwork time and small group instruction, but too much time is given to whole group instruction.		
consistently followed during project work time to maximize productivity.Project management tools (group	 Classroom routines and norms are established for project work time but are not consistently followed; productivity is variable. 	 Classroom routines and norms for project work time are not clearly established; time is not used productively. 		
calendar, contract, learning log, etc.) are used to support student self-management and independence.	 Realistic schedules, checkpoints, and deadlines are set, but more flexibility is needed; bottlenecks sometimes occur. 	 Schedules, checkpoints, and deadlines are set, but they are loosely followed or unrealistic; bottlenecks impede workflow. 		
 Realistic schedules, checkpoints, and deadlines are set but flexible; no bottlenecks impede workflow. Well-balanced teams are formed according to the nature of the 	• Generally well-balanced teams are formed, but without considering the specific nature of the project; students have too much voice and	• Teams are formed using either a random process (e.g., counting off) or students are allowed to form their own teams with no formal criteria or process.		

Office of School Support and Accountability, Professional Development Standards and Support Copyright @ 2020 Broward County Public Schools

project and student needs, with appropriate student voice and choice.

1.1.5. **Scaffold Student Learning**. Each student receives necessary instructional supports to access content, skills, and resources; these supports are removed when no longer needed.

Performance Indicators				
Gold Standard PBL Teacher	Developing PBL Teacher	Beginning PBL Teacher		
 Each student receives necessary instructional supports to access content, skills, and resources; these supports are removed when no longer needed. Scaffolding is guided as much as possible by students' questions and needs; teacher does not "front-load" too much information at the start of the project, but waits until it is needed or requested by students. Key success skills are taught using a variety of tools and strategies; students are provided with opportunities to practice and apply them, and reflect on progress. Student inquiry is facilitated and scaffolded, while allowing students to act and think as independently as possible. 	 Most students receive instructional supports to access both content and resources, but some individual needs are not met. Scaffolding is guided to some extent by students' questions and "need to knows" but some of it may still be "front-loaded." Key success skills are taught, but students need more opportunities to practice success skills before applying them. Student inquiry is facilitated and scaffolded, but more is needed; or, teacher may over-direct the process and limit independent thinking by students. 	 Students receive some instructional supports to access both content and resources, but many individual needs are not met. Teacher may "front-load" content knowledge before the project launch, instead of waiting for "need to know" points during the project. Students gain key success skills as a side effect of the project, but they are not taught intentionally. Students are asked to do research or gather data, but without adequate guidance; deeper questions are not generated based on information gathered. 		

1.1.6. **Assess Student Learning**. Project products and other sources of evidence are used to thoroughly assess subject-area standards as well as success skills.

1.1.7. Engage & Coach. The teacher's knowledge of individual student strengths, interests, backgrounds, and lives is used to engage them in the project and inform instructional decision-making.

	morm mot decision making.					
	Performance Indicators					
Gold	Gold Standard PBL Teacher		Developing PBL Teacher		Beginning PBL Teacher	
indivic interes used to and int making			The teacher has general knowledge of students' strengths, interests, backgrounds, and lives and considers it when teaching the project. Project goals and benchmarks are	•		
standa benchi co-con develo • Studer owner	its and the teacher use rds to co-define goals and narks for the project (e.g., by structing a rubric) in pmentally appropriate ways. its' enthusiasm and sense of ship of the project is ined by the shared nature of		set with some input from students. Students are excited by the project and motivated to work hard by the teacher's enthusiasm and commitment to their success. Students' questions guide inquiry to some extent, but some are answered too quickly by the	•	seeking student input. Students are willing to do the project as if it were another assignment, but the teacher does not create a sense of ownership or fuel motivation. The driving question is presented at the project launch and student questions are generated, but they	

Office of School Support and Accountability, Professional Development Standards and Support Copyright 0 2020 Broward County Public Schools

Data Collection Plan: 1.1 Project-Based Learning – Teachers/Individuals			
Level of Measurement	Instrument/Data Type	Frequency	Responsible for Collecting Data
1. Participants' Reactions	Survey in PDMS	1x/workshop	RMG Project Leads
2. Participants' Learning	Pre-/Post-Assessment School PBL Implementation Plan	1x/workshop 1x/workshop	RMG Project Leads
3. Organizational Supports	PBL School Assessment	Baseline only	RMG Project Leads
4. Participants' Practice	Student work samples Classroom Walkthroughs and observations using PBL instructional/structural 'look-fors'	1x/workshop 4x/year	RMG Project Leads
5. Student Outcomes	Evidence of student work Course Grades FSA scores	2x/year 4x/year 1x/year	RMG Project Leads

1.2 Supportive School Environment – Teachers/Individuals 1.2.1. Composure. Teacher models composure and regularly leads the children in active calming using S.T.A.R.: Stop/Smile, Take a deep breath, And Relax. Performance Indicators

Level 4	Level 3	Level 2	Level 1
 The adult regularly leads the children in active calming during the Brain Smart Start of the day, throughout the day during transition times and during other stressful times. A S.T.A.R. person is one of the classroom jobs. When upset, the adult models active calming, and is able to download a calm state into the child if necessary. When children become upset, the adult facilitates managing the emotion by saying, "You're safe. Breathe with me. You can handle this." The whole class understands it is everyone's job to help when others feel upset by being a S.T.A.R. for them. 	• The adult occasionally takes time to calm him or herself by using belling breathing and being a S.T.A.R. As the adult calms down, he or she helps the child calm down. The adult teaches and practices the four composure skills of S.T.A.R., Draining, Ballooning and Pretzel with the children.	The adult attempts to fake calmness even though it is energetically obvious that he or she is upset. The adult takes shallow breaths, distracts children from their upset, attempts to calm them down or attempts to hush them up. Children practice being a S.T.A.R. during calm times, but the transfer to upset times is not made.	• There is no attempt by the adult to actively calm him or herself when triggered, nor is there any attempt to help the child calm down. Upset children are ignored, punished, or told to calm down or stop the upset behavior.

1.2.2. Adult Assertiveness. The adult is comfortable with his or her assertive voice and is heard throughout the day providing the structure children need to be successful.

Performance Indicators			
Level 4	Level 3	Level 2	Level 1
• The adult is comfortable with his or her assertive voice and is heard throughout the day providing the structure children need to be successful. Phrases such as, "I'm going to," and assertive, descriptive instructions like, "Walk with your hands at your sides just like this," are common.	• The adult understands the assertive voice is the voice of knowing and is working on giving clear assertive commands to children. The adult catches her or himself speaking passively or aggressively and makes the change as needed.	• The adult becomes conscious at times of speaking passively and aggressively and is attempting to be more assertive. However, she or he struggles with assertiveness, feeling the assertive voice may appear too rude or too soft.	• The adult speaks mostly from a passive voice or an aggressive voice, or flip-flops between the two. The passive voice implies asking for permission or agreement from the children, such as, "Hand in your homework, okay?" An aggressive voice implies, "Do this or else."

1.2.3. Teaching Assertiveness to Children. The adult is adept at helping children learn an assertive tone and telling others how they want to be treated.

Performance Indicators

Level 4	Level 3	Level 2	Level 1
• The adult goes to the	 Adults most often go to 	 The adult is beginning to 	• The adult does not teach
victim first and notices,	the victim first and ask,	go to the victim first in	children to be assertive.
"Your hand is going like	"did you like it?" She or	hurtful situations. The	He or she punishes
this," or asks, "did you	he then instructs the	adult may say to the	aggressive acts and

Office of School Support and Accountability, Professional Development Standards and Support Copyright C 2020 Broward County Public Schools

like it?" The adult coaches	child to say some version	victim, "Use your words,"	removes aggressors from
the victim to say, "I don't	of, "I don't like it," or	"Talk to the aggressor,"	the situation or
like it when you	"Stop." The aggressor is	or, "How did that make	classroom, while largely
Please" The adult is	sometimes lectured	your feel?" Aggressors	ignoring victims.
adept at helping children	about being hurtful or	are condemned for	Alternately, the adult
learn an assertive tone	asked to apologize. The	hurtful behavior and	may speak to the
and telling others how	adult sometimes uses the	receive some sort of	aggressors about their
they want to be treated.	phrase, "You wanted	consequence (removal,	wrong and hurtful
The adult then	You may not ,	apology, loss of	behavior and ask them to
approaches aggressors	hurts. Say or do"	privilege).	apologize. The adult may
with the phrase, "You			soothe or coddle victims.
wanted," and teaches			
them how to assertively			
communicate ("May I			
have a turn") instead of			
aggressively act out to get			
what they want. Children			
are beginning to use this			
language regularly and			
more independently.			
1.2.4. Encouragement. The adult encourages children by noticing and describing			
instead of judging.			

Performance Indicators				
Level 4	Level 3	Level 2	Level 1	
 The adult encourages children by noticing and describing instead of judging. The intent behind the encouragement is to help children become conscious of their efforts and actions, not compliance. "Good job" becomes "Good for you." Throughout the day, the adult uses phrases like, "You did it, you Way to go," and, "You So That was helpful." Children start modeling the language and are encouraging of each other. 	• The adult is beginning to replace judgmental praise with noticing. She or he is replacing, "good job," with, "You did it," followed by a description of the child's efforts or accomplishments. The adult is more present, mindful and conscious of the child's efforts and achievements.	 The adult's encouragement is overshadowed by a goal of compliance based on judgment of the event or situation. Catching them "being good" is the goal. You will hear phrases such as, "thank you," "Good job," and "I like the way is ready." 	 Children are not encouraged to be successful. The adult focus is on what children are doing that is incorrect or wrong. The goal is correcting wrong actions. 	
1.2.5 Choices. The adstate of the child.	1.2.5 Choices. The adult utilizes the skill of choices based on an assessment of the			
L 1 4	Performance Indicators			
Level 4	Level 3	Level 2	Level 1	

• The adult utilizes the skill of choices based on an assessment of the state of the child. She or he understands that two choices are an appropriate tool when a child is demonstrating an emotional state. When a child is in more of an executive state, the teacher might ask, "What are your choices?" the teacher understands not to offer choices to children in a survival state. Thinking of two positive choices becomes habit, the adult posts picture rules around the classroom, and focuses on the behaviors she or he wants to see from children.	 The adult is beginning to offer two positive choices to children occasionally during the day, you hear the language, "You may or What is best for you?" It is still difficult for the adult to think of the two positive choices because they still tend to focus on the behavior they don't want instead of the behavior they would like to see. They may also give choices to children who are in a survival state, creating additional power struggles. 	• The adult is beginning to give children two choices. Most often, the choices presented as one positive choice and one negative choice. The intent behind the choice is compliance and manipulating the child to choose the "right" choice.	Choices for children are not really part of the classroom. The adult is in charge and children are to comply.
	adult understands that		0
brain state to better	manage their own em	A	olve.
	Performanc		
Level 4	Level 3	Level 2	Level 1
• The adult understands that empathy helps	 The adult begins to differentiate between 	 The adult uses phrases such as, "You seem 	 The adult dismisses or ignores children's

 The adult understands that empathy helps children reach a higher brain state to better manage their own emotions and problem solve. Adults are able to reflect back what they see when a child is in a survival state ("Your face is going like this."), reflect back what they sense the child is feeling in an emotional state ("you seem sad"), and reflect back the child's desires when she or he is focused on what she or he doesn't want ("You wanted," or, "You were hoping "). 	• The adult begins to differentiate between when children are asking for understanding or information. Phrases such as, "Your arms are gong like this," You seem ," and, "You wanted , are beginning to be heard.	• The adult uses phrases such as, "You seem angry," as tools to stop upset and/or make it go away. The intent behind empathy appears to be "happying up" children, not helping them manage their emotions in order to solve their problems.	• The adult dismisses or ignores children's emotional states, focusing only on behavioral changes. The goal is to stop the upset and/or make it go away.
--	--	--	--

setting the stage for teaching the child a new skill.			
Performance Indicators			
Level 4	Level 3	Level 2	Level 1
-	 The adult begins attributing positive intent to the child exhibiting aggressive behavior, with an understanding that it does not let the child off the hook. The adult often addresses aggressive behaviors by saying to the child, "You wanted ," instead of asking questions. The adult uses nature 	-	
social skills and uses	logical consequences		to use the new skills.
		e Indicators	·
Level 4	Level 3	Level 2	Level 1
 The adult uses natural consequences to teach children new social skills and uses logical consequences to motivate children to use the new skills. The adult only presents logical consequences to connected children who already know the expected skills. She or he uses problem solving for chronic problems and School Family issues. When a child becomes upset with a consequence, the adult offers empathy while following through with the consequences. 	• The adult helps children resolve interpersonal conflicts with natural consequences. The natural consequence of hitting is to learn another socially acceptable skill. You will hear the following frequently in the classroom: "Did you like it" (victim) and "You wanted" (aggressor).	• The adult begins to see that consequences aren't something made up by adults and imposed on children, but that they are always happening around us. She or he understands that every thought, feeling and action produces a consequence, and begins to utilize natural consequences and problem-solving in the classroom. The adult will talk to children who have disputes, instead of just dispensing a reward or punishment.	 Rewards and punishments are used throughout the classroom and given by the adult for situations judged either good or bad.

1.2.7. Positive Intent. The adult attributes positive intent to the child's behavior, setting the stage for teaching the child a new skill.

Data Collection Plan: Supportive School Environment — Teachers/Individuals			
Level of Measurement	Instrument/Data Type	Frequency	Responsible for Collecting Data
1. Participants' Reactions	Are You Ready? – fill out prior to training	1x/workshop	RMG Project Leads
2. Participants' Learning	Pre-Assessment Post-Assessment	1x/workshop	RMG Project Leads
3. Organizational Supports	District records of follow-up support provided to schools	4x/year	RMG Project Leads
4. Participants' Practice	Conscious Discipline Progress Assessment Rubric Skills and Structures – teacher self- assessment and school-based SEL Team assessment. Powers – Teacher self-assessment	4x/year	RMG Project Leads
5. Student Outcomes	Panorama SEL and Supportive School Environment Survey	2x/year	RMG Project Leads

2.0 School Administrators: Project Based Learning

2.1 **Purpose & Vision:** The school leadership has collaboratively worked with stakeholders to describe the purpose and establish a vision for PBL in their school community.

Performance Indicators		
Level 4Level 3• It is my ambition to transform my school into a PBL exemplar so all students have the opportunity to achieve deeper learning outcomes.• I have expressed my commitment to lead my school to use PBL to help achieve deeper learning outcomes for all students to teachers and students.• I share my vision for PBL as a primary instructional method to develop deeper learning outcomes for all students, including those who are furthest from opportunity, with teachers, students, families and community members.• I share my personal vision for PBL as a primary instructional method to achieve deeper learning outcomes for all students, including those who are furthest from opportunity, with teachers, students, families and community members.• Our school's vision statement elevates PBL as the primary instructional method to achieve deeper learning outcomes for all students, including those who are furthest from opportunity. This vision statement drives our instructional and operational decisions, and is continuously reflected upon and revised as needed.• Our school's vision statement drives our instructional and operational decisions, and is continuously reflected upon and revised as needed.	 Level 2 I have learned the importance of PBL to achieve deeper learning outcomes for all students. I have a written personal vision statement that includes PBL as a primary instructional method to achieve deeper learning outcomes. Our school has a vision statement that includes components of PBL as a key instructional method to achieve deeper learning outcomes. 	Level 1 I am exploring how PBL can help achieve deeper learning outcomes for all students. I have a personal vision statement that includes elements of PBL and deeper learning. Our school has a vision statement that may include elements of PBL and deeper learning.

2.2 **Culture:** The school leadership has established a strong culture of PBL in the school and surrounding community.

Performance Indicators			
Level 4	Level 3	Level 2	Level 1
 Teachers and students at my school regularly articulate and exemplify the beliefs and norms of high quality PBL. Our school leadership team makes school-wide decisions about instruction and operations based on 	 Teachers and students at my school have embraced the beliefs and norms that drive a school culture that supports and promotes high quality PBL. Our school leadership team makes school-wide decisions about instruction and operations based on the 	 I have identified which beliefs and norms in my school culture need to be developed to support and promote high quality PBL, and have begun to communicate them. I confer with our school leadership team regarding decisions 	 I am exploring which beliefs and norms drive a school culture that supports and promotes high quality PBL. I am exploring ways to share leadership to build a culture for high quality PBL and deeper learning.

Office of School Support and Accountability, Professional Development Standards and Support Copyright © 2020 Broward County Public Schools

Performance Indicators			
Level 4	Level 3	Level 2	Level 1
 I regularly pursue opportunities to apply new leadership knowledge and skills to my practice to transform our school into an exemplar of high quality PBL to achieve deeper learning outcomes Teacher leaders in my school are networked to apply new leadership knowledge and skills to transform our school into 	 I am engaged in formal professional learning opportunities and/or coaching to develop my knowledge and skills to lead high quality PBL and deeper learning, based on my individual needs. Teacher leaders in my school are engaged in formal professional learning opportunities and/or coaching to develop knowledge and skills to 	 I have a plan for developing the leadership knowledge and skills necessary to lead high quality PBL and deeper learning. I have a plan for developing the leadership knowledge and skills of key teachers in my school to lead high quality PBL and deeper learning. I have a plan for 	 I understand my leadership strengths, areas of growth, and readiness to lead high quality PBL and deeper learning. I understand my teachers' strengths, areas of growth, and readiness to lead high quality PBL and deeper learning. I have considered ways to incorporate coaching
an exemplar of high	lead high quality PBL and	coaching or feedback to	or feedback to support
quality PBL to achieve		support teachers to use	teachers to use high

Office of School Support and Accountability, Professional Development Standards and Support Copyright @ 2020 Broward County Public Schools

coaching or feedback.feedback to support the use of high quality PBL and deeper learning.community members.learning.feedback on the use of high quality PBL and deeper learning.I actively recruit families and community members to participate in school events and activities thatcommunity members.learning.	 deeper learning	 deeper learning, based on	 high quality PBL and	 quality PBL and deeper
	outcomes. Teachers in our school	their individual needs. Teachers in our school	deeper learning. I promote high quality	learning. I am exploring ways to
	network with one another	have access to	PBL and deeper learning	engage the community
	and engage in peer	individualized coaching or	with families and	in PBL and deeper
high quality PBL and and deeper learning, using deeper learning through a variety of languages and in projects and/or school literacy mediums. events, using a variety of languages and literacy mediums. in projects	 coaching or feedback. They regularly give and receive meaningful feedback on the use of high quality PBL and deeper learning. Families and community members actively support high quality PBL and deeper learning through meaningful participation in projects and/or school events, using a variety of languages and literacy 	 feedback to support the use of high quality PBL and deeper learning. I actively recruit families and community members to participate in school events and activities that support high quality PBL and deeper learning, using a variety of languages and 		

2.4 **Continuous Improvement:** School leadership has developed ways to evaluate and improve on practices in regards to PBL implementation.

Performance Indicators			
Level 4	Level 3	Level 2	Level 1
 Teaches at my school regularly report and use data for multiple measures of deeper learning, including student achievement, student engagement, and community engagement, and community engagement, to improve student engagement and deeper learning. Teachers systematically use protocols to reflect on, monitor, evaluate, and share evidence of its solutions for exemplifying high quality PBL and the achievement of deeper learning outcomes. I collaborate and learn from other leaders to use structures, such as school and classroom walkthroughs and PBL leadership walkthroughs, to gather school-wide information about the quality of PBL instruction, progress of student learning outcomes, and other promising practices 	 Teachers at my school regularly collect, measure, and report results for some deeper learning outcomes, including student achievement, student engagement, or community engagement. Teachers use protocols to reflect on, monitor, and evaluate successes, challenges, and solutions for high quality PBL and the achievement of deeper learning outcomes. I regularly use structures, such as classroom walkthroughs and PBL leadership walkthroughs, to gather school wide information about the quality of PBL instruction, progress on student learning outcomes, and other promising practices. 	 Teachers at my school have identified methods to measure the evidence of some deeper learning outcomes, such as student achievement, student engagement, or community engagement. We have collected some of the data or evidence. Teachers at my school use some protocols or observations to reflect on, monitor, and evaluate how we achieve high quality PBL and deeper learning. I regularly use structures, such as classroom walkthroughs and PBL leadership walkthroughs, to gather information and make visible our work in achieving high quality PBL and deeper learning competencies. 	 I am exploring ways to help teachers measure the evidence of achievement of deeper learning outcomes, as well as student and community engagement, at my school. I am exploring ways to reflect on, monitor, and evaluate implementation of high quality PBL and deeper learning at my school. I am exploring how to use structures, such as classroom walkthroughs and PBL leadership walkthroughs, to make our work visible in achieving high quality PBL and deeper learning.

Office of School Support and Accountability, Professional Development Standards and Support Copyright O 2020 Broward County Public Schools

to drive decision making		
about instruction and		
operations that affect		
deeper learning.		

Data Collection Plan: Project-Based Learning — School Administrators				
Level of Measurement	Instrument/Data Type	Frequency	Responsible for Collecting Data	
1. Participants' Reactions	Feedback form in PDMS	1x/workshop	RMG Project Managers	
2. Participants' Learning	Participant Survey	2x/year	RMG Project Managers	
3. Organizational Supports	Changes in school schedules to allow for PBL Documentation of structural changes aligned with desired outcomes Change in course selection to align to PBL	4x/year	RMG Project Managers	
4. Participants' Practice	Evidence of PLC structures that align to PBL support Teacher teaming and student scheduling	1x/workshop	RMG Project Managers	
5. Student Outcomes	ELA & Math FSA and Course Grades in all subjects	2x/year	RMG Project Managers	

Mid-Year and End-of-Year Evaluation Plan				
Level 1. Participant Reactions				
<u>Audience</u>	Mid-Year Evaluation	End-of-Year Evaluation		
Teacher/Individual	Workshop Feedback Survey in PDMS	Summary of Survey Data		
Administrator/Supervisor	Workshop Feedback Survey in PDMS	Summary of Survey Data		
	Level 2. Participant Learnin	g		
<u>Audience</u>	Mid-Year Evaluation	End-of-Year Evaluation		
Teacher/Individual	Pre-/Post-Assessment	Summary of Assessment Data		
Administrator/Supervisor	Workshop-embedded Assessment	Summary of Assessment Data		
	Level 3. Organizational Supp	ort		
<u>Audience</u>	Mid-Year Evaluation End-of-Year Evaluation			
Teacher/Individual	District record of support to schools,	Annual review of District supports and		
Administrator/Supervisor	progress toward structural changes.	structural changes.		
Level 4. Participants' Use of New Knowledge and Skills				
<u>Audience</u>	Mid-Year Evaluation	End-of-Year Evaluation		
Teacher/Individual	Evidence of PBL implementation and	Annual report of progress toward		
Administrator/Supervisor	strategies to support a supportive school environment	Project-based Learning and Supportive School Environment Desired Outcomes.		

Level 5. Student Learning Outcomes					
Level of Impact <u>Mid-Year Evaluation</u> <u>End-of-Year Evaluation</u>					
Teacher/Individual	Course Grades in all subjects	FSA Mathematics, Reading and Writing			
Administrator/Supervisor					

3.0 Personalization Classes - PASL Teachers

3.1 Self-Awareness and Self-Management. The PASL Teacher is helping students to recognize their own emotions, thoughts, and values on how they influence behavior. In addition, the PASL teacher is helping students to accurately assess their strengths and limitations, with a well-grounded sense of confidence, optimism, and a "growth mindset." The PASL teacher is helping students to develop the ability to successfully regulate one's emotions, thoughts, and behaviors in different situations — effectively managing stress, controlling impulses, and motivating oneself. The ability to set and work toward personal and academic goals. (From CASEL 2020)

Performance Indicators			
Level 4	Level 3	Level 2	Level 1
I have a solid grasp of PASL's 5 key components and am applying these components in delivering PASL to my students. This will be clearly observed by those observing my PASL students' interactions with each other.	• I have a solid grasp of PASL's 5 key components and am applying these components in delivering PASL to my students. This will be made evident by observing my interaction with PASL students.	• I have learned the foundation of PASL's 5 key components.	• I am learning about the 5 key components of PASL.
• I have developed a format to schedule regular Rapid Check Ins with my students and check in with most of them once or more a week when applicable.	• I have developed a format to schedule regular Rapid Check Ins with my students and check in with some of them at least once a week related to self-awareness and self-management skills when applicable.	• I have developed a format to schedule regular Rapid Check Ins with my students and check in with few of them at least once a week related to self- awareness and self-management skills when applicable.	• I am developing a format to schedule regular Rapid Check Ins with my students related to self-awareness and self-management skills when applicable.
• I have taught my students to use data to develop attainable goals on	• I am utilizing data to help my students set up attainable goals in the	• I am utilizing data to meet my students where they are in	 I am learning how to collect and analyze data to support my

their own along	development of self-	developing self-	student's growth
with monitoring	awareness and self-	awareness and-	in developing
their own success	management skills	self-management	self-awareness
when applicable.	when applicable.	skills when	and self-
		applicable.	management
I have created	I have created	I have created	skills.
individualized	individualized plans	individualized	 I am developing
plans to help	to help students	plans to help	lessons to help
students develop	develop self-	students develop	individual
self-awareness and	awareness and self-	self-awareness	students learn to
self-management	management skills	and self-	analyze factors
skills for most of	for some of my	management	that create stress
my students in	students in each	skills for a few of	or motivate
each class period	class period when	my students in	successful
when applicable.	applicable.	each class period	performance,
		when applicable.	along with
			identifying
			strategies they
			can use to
			manage stress
			leading to
			successful

3.2 Social Awareness and Relationship Skills. The PASL teacher is helping student to develop the ability to take the perspective of and empathize with others, including those from diverse backgrounds and cultures. The ability to understand social and ethical norms for behavior and to recognize family, school, and community resources and supports. (From CASEL 2020) The PASL teacher is helping student to develop the ability to establish and maintain healthy and rewarding relationships with diverse individuals and groups. The ability to communicate clearly, listen well, cooperate with others, resist inappropriate social pressure, negotiate conflict constructively, and seek and offer help when needed. (from CASEL 2020)

Performance Indicators			
Level 4	Level 3	Level 2	Level 1
I have a solid grasp of PASL's 5 key components and am applying these components in delivering PASL to my students. This will be clearly observed by those observing my PASL students' interactions with each other.	• I have a solid grasp of PASL's 5 key components and am applying these components in delivering PASL to my students. This will be made evident by observing my interaction with PASL students.	• I have learned the foundation of PASL's 5 key components.	 I am learning about the 5 key components of PASL.
I have developed a format to schedule regular Rapid	 I have developed a format to schedule regular Rapid Check 	 I have developed a format to schedule regular 	 I am developing a format to schedule regular

Office of School Support and Accountability, Professional Development Standards and Support Copyright © 2020 Broward County Public Schools

performance.

Check Ins with my	Ins with my students	Rapid Check Ins	Rapid Check Ins
students and check	and check in with	with my students	with my students
in with most of	some of them at	and check in with	but have not
them once or more	least once a week	few of them at	started yet.
a week when	related to social	least once a week	
applicable.	awareness and	related to social	
	relationship skills	awareness and	
	when applicable.	relationship skills	
		when applicable.	
I have taught	 I am utilizing data 	 I am utilizing 	• I am learning how
students to explain	to help my students	data to meet my	to collect and
how individual,	set up attainable	students where	analyze data to
social, and cultural	goals in the	they are in	support my
differences may	development of	developing social	student's growth
increase	social awareness	awareness and	in developing
vulnerability to	and relationship	relationship skills	social awareness
bullying and	skills when	when applicable.	and relationship
identify ways to	applicable.		skills.
address it when			
applicable.			
I have created	I have created	I have created	 I am developing
individualized	individualized plans	individualized	lessons to help
plans to help	to help students	plans to help	individual
students develop	develop social	students develop	students learn to
social awareness	awareness and	social awareness	analyze how
and relationship	relationship skills	and relationship	one's behavior
skills for most of	for some of my	skills for a few of	may affect others.
my students in	students in each	my students in	2
each class period	class period when	each class period	
when applicable.	applicable.	when applicable.	
3.3 Responsible De	cision Making: The PA	ASL teacher is helping	students to
	make constructive cho		
		-	Jeliavioi allu social
interactions across d	iverse situations. (from	CASEL 2020)	
	Performance	Indicators	
Level 4	Level 3	Level 2	Level 1
I have a solid grasp	I have a solid grasp	I have learned the	I am learning
of PASL's 5 key	of PASL's 5 key	foundation of	about the 5 key
components and	components and am	PASL's 5 key	components of
am applying these	applying these	components.	PASL.
components in	components in	components.	
delivering PASL to	delivering PASL to		
my students. This	my students. This		
will be clearly	will be made evident		
observed by those	by observing my		
observing my PASL	interaction with		
students'	PASL students.		
interactions with	I ASL SLUUEIILS.		
each other.			
	• I have developed -	• I have developed	I am davialaris
I have developed a format to schedule	 I have developed a format to schedule 	 I have developed a format to 	 I am developing a format to
format to schedule	format to schedule	a format to	format to
regular Rapid Check Ins with my	regular Rapid Check	schedule regular	schedule regular
LINECK INS WITH MV	Ins with my students	Rapid Check Ins	Rapid Check Ins
	بالانت بالموماء أمعره	فيتبال تنقد وتومون مالحاتين	
students and check	and check in with	with my students	with my students
	and check in with some of them at	with my students and check in with few of them at	with my students related to responsible

a week when	least once a week	least once a week	decision-making
applicable.	when applicable.	related to	skills when
	* *	responsible	applicable.
		decision-making	
		skills when	
		applicable.	
• I have taught my		• I am utilizing	• I am learning how
students to	• I am utilizing data	data to meet my	to collect and
evaluate how	to help my students	students where	analyze data to
honesty, respect,	set up attainable	they are in	support my
fairness, and	goals in the	developing	student's growth
compassion enable	development of	responsible	in developing
one to take the	responsible	decision-making	responsible
needs of others	decision-making	skills when	decision-making
into account when	skills when	applicable.	skills.
making decisions	applicable.		
when applicable.			
I have created		I have created	I am developing
individualized	I have created	individualized	lessons to help individual
plans to help	individualized plans	plans to help	students learn to
students develop	to help students	students develop	
responsible decision-making	develop self- responsible	responsible decision-making	analyze how decision-making
skills for most of	decision-making	skills for a few of	skills improve
my students in	skills for some of my	my students in	study habits and
each class period	students in each	each class period	academic
when applicable.	class period when	when applicable.	performance.
when applicable.	applicable.	when applicable.	performance.
	applicable.		

Data Collection Plan: Project-Based Learning — School Administrators			
Level of Measurement	Instrument/Data Type	Frequency	Responsible for Collecting Data
1. Participant's- Reactions	Online Professional Learning Feedback	1x/workshop	PASL Project Managers
2. Participant's Learning	Participants Reflections (Oral and/or Written)	1x/workshop	PASL Project Managers
3. Organizational Support	Site Visits and Coaching Opportunities	1x/spring	PASL Project Managers
5. Student Learning Outcomes	Panorama Assessment Data	1x/fall 1x/spring	PASL Project Managers

Mid-Year and End-of-Year Evaluation Plan			
Level 1.			
<u>Audience</u>	Mid-Year Evaluation	End-of-Year Evaluation	
Teacher/Individual	Workshop Feedback Survey in PDMS	Summary of Survey Data	
Level 2.			
<u>Audience</u>	Mid-Year Evaluation	End-of-Year Evaluation	
Teacher/Individual	Participant Reflections/Oral & Written	Participant Reflections/Oral & Written	
Level 3.			
<u>Audience</u>	Mid-Year Evaluation	End-of-Year Evaluation	

Office of School Support and Accountability, Professional Development Standards and Support Copyright @ 2020 Broward County Public Schools

Teacher/Individual	District record of support to schools,	Annual review of District supports and	
Administrator/Supervisor	progress toward structural changes.	structural changes.	
Level 4.			
Audience	Mid-Year Evaluation	End-of-Year Evaluation	
Teacher/Individual	Continued implementation practice of		
Administrator/Supervisor	the PASL/SEL. The instructor will observe the group's progress and provide constructive feedback.	Summary of observer's feedback.	
Level 5.			
Level of Impact	Mid-Year Evaluation	End-of-Year Evaluation	
Teacher/Individual	Results on the SEL Assessment (fall)	Results on the SEL Assesment (spring)	
Administrator/Supervisor			