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Engaging Students with Poverty in Mind

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A Graphic Report of Chapters 2 - 9

Created by Leadership Coaches

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Engagement	Effect Size:
Chapter 2: Rules	

Ac	tions	Rationale/commitment	Solutions	
	Upgrade your attitude	1. Students sense teachers' attitudes 2. Commit to engage every student every day Output Description:	1. Use affirmations a. Post positive reinforcements b. Give students positive praise 2. Employ occasional small engagers a. Stand and stretch b. Breathe in smile, breathe out calm c. Pair students for small tasks 3. Give yourself permission to fail a. Make a backup plan for failure b. Note what worked and didn't c. Forgive mistakes d. Strategize to correct errors	
2.	Build relationships and respect	 Students need to know you care Students behave better, have less stress, work harder, get excited Increases student's feeling of selfworth and belonging 	 4. Share a bit of yourself every day a. Family, dreams everyday life b. Find out about students every day 5. Respect students a. Never disparage or criticize a student's culture or background b. Integrate culture & social capital into goals (ex. make all voices heard) 6. Upgrade interactive language a. Make eye contact with students b. Use language you want to hear c. Thank students for contributing 	
3.	Get buy-in	 Sell students on themselves, content, learning Be passionate. It motivates students Many students have been trained to be complacent Create a hook 	 7. Play the older kid card 8. Offer an incentive – i.e. time or the need for student help 9. Pique students' curiosity a. Use mystery objects b. Unusual props or secrets c. I'm not sure this will work (I shouldn't be saying this) will you see if you can get it to work? d. Start a competition 	



			e. Chunk down the buy-in with steps that lead uncertainly f. Lower the stakes. Call on students who you know don't know the answer. Get them to offer some insight for that. Give an award g. Use their imagination. Make predictions, speculate about how they would proceed
4.	Embrace clarity	 Master the big picture details in concrete chunks and directions Student understanding increases Know purpose, time, interaction, materials & directions before trying an engagement strategy 	 10. Use fewer words a. Find a metaphor or analogy b. Use body language and gestures c. Move around the room when content needs new reference point d. Use visuals and manipulatives 11. Frame directions in positive. What you want desired behavior to be 12. Give clear, simple directions a. Be concrete use landmarks
5.	Show your passion	 Non-verbal feelings are contagious. Passion shows students you care and what you are sharing is important Creates interest, curiosity and motivation 	13. Stay active a. Move around room and gesture 14. Vary voice intentionally a. Use unpredictable voice fluctuation b. Pause 15. Keep eyes focused on students a. Make eye contact b. Be positive 16. Focus on what you want to happen a. Believe in your message b. Use positive self-talk to stay relaxed and focused



Engagement	Effect Size:
Chapter 3: Engage for a Positive Climate	

Actions	Rationale/commitment	Solutions
1. Raise the Bar	 Students live out their own expectations Teachers expectations are critical to student success Teachers' expectations had a staggering 1.03 effect size on student achievement 	 Refer to the learning destination as a certainty a. When you complete this b. Stick with our plan. I'm on your side Don't have low-performing students set long-term achievement goals for themselves a. Set mini-goals like completing a 30 minute team assignment b. Chunk into small parts like daily, weekly, goals Start setting "superb" as the goal a. A or B for the class, nothing less b. Affirm every success early on Affirm every little success early on a. Celebrate! Everyone say YES when you get over 80% a. Turn to partner and say , "I did it!"
5. Manage Mind-Body States	 Students' thoughts, emotions, behaviors, and academic performance correlate with their physical, emotional, and cognitive states An attractor state may be defined as the preferred or default state toward which conditions in systems tend to move Understanding of students' mindbody states enable you to better manage class climate Teachers have an extraordinary amount of influence during the relatively short time students are in class The best way to start shaping 	 Reduce lecture time. a. Limit lectures to 5 to 8 minutes Eliminate the "fight, flight, or freeze" response a. Emotionally safe environment: Never embarrass b. Never use sarcasm or put downs c. IF you make a mistake, apologize to the student after class Give students more control a. Encourage them to have a more vested interest in class by broadening role b. Involve them in decision making, questions, choosing music to play, etc. Ask more compelling questions Keep students in suspense



6. Establish That "We Are Family"	 student states is to build strong relationships Student-teacher relationships are in the top 10 of all student achievement factors Group cohesion and peer influences have a strong 0.53 effect size Every classroom includes multiple relationships that matter: Teacherstudent, Teacher-class, student-teacher, student to student, and staff to staff Teachers need to embrace the parent role in school When all members of the class are working together toward a positive learning effort, they build a collective social power 	 Adopt the Parent Role in your class Learn students strengths or unique talents Always smile to all and use personal courtesies like "please," "thank you," and "pardon me" Form cooperative groups in elementary and cooperative teams in secondary Let them choose roles and team names, etc. Switch up every four to six weeks Create the class glue with get to know you activities Use sentence stems to get to know each other such as: One thing my neighbor likes to do is My neighbor owns a Help students gain social status. Read a powerful composition they've written in front of their peers Come up with award to students for exemplifying qualities like:
7. Sustain Emotional Positivity	 Do students feel good in your class? Positivity lowers levels of cortisol and helps reduce absences Scientists no longer consider emotions to be a "frill" Emotional positivity is essential to learning and productivity The positives to negatives need to by 6-1 	 Use emotional punctuation. Pump up positive classroom responses a. "Thank you for jumping in!" b. Say "yes" as much as possible! Accentuate the positive Use variety in your clapping celebrations Raise students' expectations about their potential to go to college a. Instill in them the expectation that they, just like their affluent peers, can attend college b. www.adopt-a-college.org



8. Teach Positive Social and Emotional Responses	 At birth our brains are hard-wired with just six emotions: joy, anger, sadness, surprise, fear, and disgust Ideal classroom emotions include cooperativeness, patience, humility, and gratitude 	 Model appropriate responses a. Teach them what you want their behavior to be in one on one sessions"Let me show you what I was looking and listening for" b. Using this one-on-one time to strengthen your relationship rather than to punish the student will get you on the road toward success Teach responses with fun activities a. Video clips depicting various behaviors of kids to identify and analyze the behaviors
9. Summary	The Greatest Gift	 It is up to schools to adapt to work better for students. A positive climate is the greatest gift a teacher can give students. Remember: you are more than the weather reporter; you are the weather creator!



Engage	Effect Size:
Chapter 4: To Build Cognitive Capacity	

Actions	Rationale/commitment	Solutions
Actions 1. Build attention skills		 Increase buy-in a. Create a hook, teasers, issue challenges Use prediction a. Students predict upcoming lesson, reward if right! Pause and chunk a. In the midst of a lesson or lecture, pause for reflection, writing, etc. Engage in fast physical activity a. Quick-moving, like Simon says Play red light- purple light a. Just like the traditional game, but challenge with different signals Use 'redirects' a. Redirect student attention to something unusual or to another student; or use a classroom ritual Get students moving a. Crawling, climbing, walking Provide practice a. Detailed, continuous Teach students study skills a. Prioritization of tasks, note-taking, summarizing, pre-reading
		10. Use high-interest reading material
		11. Conduct quick-writes a. Quick-timed writing to increase focus
2. Teach problem solving and critical thinking	poverty don't have the	 Model and scaffold the process a. Use the 5-step process on p.59 Promote collaborative problem-solving a. Students work in pairs to solve problems Teach transferrable models for problem-solving a. Use the 10-step process on pp 59-60 Create competitions a. To work in teams to problem-solve



			b. Have teams work problems backwards
3.	Train working memory	 Helps students learn how to follow directions and solve problems. Builds attentional skills Reinforces learning in context. Generalizes and transfers skills 	 Practice Recall a. Repetitive auditory games such as "Simon Says or Clap Clap" Word Baskets a. Sequential memory games. Start with a category word, build on initial word by different students adding next category word, repeating prior words. Review Increasingly Large Chunks of Content: a. Scaffold instruction starting with simple concepts and build on Focus on Sound a. Use auditory games to get attention and improve working memory Use a Quick Fix a. Reinforce memory by using strategy within a lesson (i.e. tell the directions to your neighbor)
4.	Develop processing speed	To build students' processing skills and processing stamina across a category of skills; ex., collecting and sorting, summarizing, calculating, organizing and analyzing	 Have students show and shout a. Students work in small groups processing quickly Make body angles Create a learning list a. Have small groups develop lessons for the text with key ideas, questions to build comprehension, comments about the content, things that puzzle or intrigue Scramble stories a. Post scrambled paragraphs and have students re-write in order Use posted models a. Post steps of the writing process b. Post math problem-solving steps
5.	Foster self- control	 Even knowing how important it is, self-control is rarely taught Requires practice knowledge and experience 	 Calendar delays for question-answer time a. The last digit of the day's date is the duration of response-delay b. Teaches students to resist first impulse Teaches self-control a. Show marshmallow experiment from Stanford b. Teaches deferred gratification Use reverse cues



a. Use reverse active cues (clapping tasks)
b. Trains students to inhibit and replace impulses
4. Teach the power of micro-goals
a. Explain task to be done
b. Set mental goal, wait 10 seconds
c. After 10 seconds, wait 10 more
d. Teach waiting strategies
e. Teaches students how to reach personal goals in small chunks



Engage	Effect Size:
Chapter 5: For Motivation and Effort	

Actions	Rationale/commitment	Solutions
1. Make it Their Idea.	When perception of control is	1. Provide content choice
	elevated, stress goes down and	a. "You have 3 choices to gather information"
	learning increases	2. Let students run a 'classroom city'
	The more you share power in a	3. Hold regular drum roll drawings
	classroom, the happier and more motivated students will be	4. Delegate tasks with classroom jobs
		a. Hire a paper manager etc.
	The feeling of control is at least as important as a strally begins	b. Make it important and tied to real world jobs.
	important as actually having	5. Have students write (create) the rules
	control	6. Encourage students to become mentors
		7. Engage students in project learning
		a. Requires skill set to be taught on how to do this.
		8. Have students self-assess
2. Manage Risk	A. 11 1 1 . 1 .	a. Involve kids in learning to access their learning.
Z. Wallaye Kisk	At any grade level, when students	1. Safety First
	trust you, they take bigger risks	a. Respect your classmates
	Stereotype threat can hurt effort	b. Create a safe environment by walking the walk. (No put downs, sarcasm,
	and performance for any	etc make eye contact, smile, show interest.)When they raise their hands
	population	make them glad they took the risk
		2. Role-model the response you want
		a. Use nonverbal cues, clear direction
		b. Model what you want them to do
		c. You model expectations
		3. Post and implement participation rules
		a. Clarify expectation and manage participation risks for students so they
		are more willing to engage.
		4. Use two rounds for questions
		a. First round: Question and survey
		b. Second round: Reflect
		5. Go with the beat



3. Build the Learner's Mind-Set	Focus on Dweck's growth mind set. The way a teacher talks to students greatly effects how students shape their mental models of their own capacity	 a. Affirm participation especially in non standard responses. (ELL) A "beat"- where an individual feels familiar and at ease, ya'all! 6. Ask more inclusive questions 1. Affirm students' ability to: 2. Learn 3. Trust in you 4. Choices attitudes and efforts 5. Confirm capacity
4. Provide Feedback	 Feedback & ongoing formative assessment are in the top 10 of all student achievement factors. Most effective forms of feedback provide specific info that directly relate to three facets of learning: Learning goal; Amount of progress Where and how to proceed. Good feedback moves students closer to their goals. Least useful forms of feedback are praise, 	 Use emotional punctuation !!!!!!!!!!! Help students develop and use a rubric 5 aspects of goal attainment (page 87) Be clear and constructive
5. Get a Trial- Size Effort	 punishment and extrinsic rewards If students won't make a macro effort, they might make a minieffort. Start with an easy, low risk activity. shift their thinking to "This might be worth it" Before you start class, every day, decided to make the class worthy of the students efforts 	 Ease students in with bite sized moves. Encourage voluntary hand raising a. Give them lots of reasons for them to want to raise their hand. Ie: if your neighbor made it to class on time, raise your hand. Ask students to share opinions a. Tell your neighbor one food you can't stand Divide content into micro-chunks Engage and empower with physical responses a. stomp your hand, shrug your shoulders, thumbs up



a. See Chart on page 91		6. To get an effort, make an effort a. See chart on page 91	
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Engage	Effect Size:
Chapter 6: For Deep Understanding	

Ac	tions	Rationale/commitment	Solutions
1.	Understand Labels	 Give the brain something to hang the information on Kick start the process for understanding 	 Informally assess prior knowledge Connect labels with other labels Capture the essentials a. Mnemonic devices, classification, etc.
2.	Discover the Properties	Develop deeper understanding of labels	 Have students organize existing content labels Graphic organizers Odd word out Add words that don't belong to group of words Review and Strengthen Properties Act it out, analyze properties that make a label unique Compare and contrast, alike and different Let students teach one another
3.	Develop Contexts and Meaning	 Situate the learning in a learning environment Context and meaning are the heart and soul of the learning 	 Make it personal Generate and test hypotheses Teach vocabulary daily
4.	Get it right	You want it to be retained accurately	 Provide clear and compelling model of what it looks like—anchor papers Support students in creating rubrics Get students to vote with their feet



5.	Learn to transfer	•	Deepens brain's connection to	1.	Make the learning vivid
			the world		a. Song, dance etc.
		•	Relevance	2.	Infuse questions with real life detail
		•	Application		



Engage	Effect Size:
Chapter 7: For Energy and Focus	.4650 effect size

Ac	tions	Rationale/commitment	Solutions
1.	Get students	Research show that many	1. Walk the Line
	moving	childhood games actually	2. Freeze
		increase working memory,	3. High Ten, Low Ten
		processing speed and attentional	4. Doctor, Doctor
		skills	5. Gallery Walk
		Strong correlations between	6. Follow Directions
		physical fitness and academic	7. Follow the Leader
		achievement	
		• Energizing play has .4650 effect	
		size on achievement.	
2.	Energize	If a teacher is not comfortable	1. Simon Says
	students in	with kids getting up and moving	2. Cross Laterals
	their seats	around, this is a good alternative	3. Combine Math with Movement
			4. Trace Infinity
			5. Air Swimming
			6. Use creative Handshakes
			7. Write with the Body
			8. Team Greetings
			9. Do the Wave
			10. Rhythm Claps
			11. Lower energy to increase focus
3.	Lower energy	Reduces stress, provides a sense	1. Pause and Collect
	to increase focus	of empowerment and promotes	2. Mobile Mirror
	iocus	focus, mindfulness and self-	3. Stretch
		regulation	4. Balance and Point
			5. Write to Focus
			6. Foster Positive Self-Talk
			7. Enlist student teams to conduct focus activities



4.	Influence energy levels with music	Strengthens memory and attention, enhances focus and memory, gets blood flowing	 Know how to get and use music a. Know how to choose the music to match the activity. b. What is the body state that you want to achieve? c. See music list , page 127 	
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Engage	Effect Size:
Chapter 8: How to Automate Engagement	

Actions	Rationale/commitment	Solutions
1. Establish Rituals	 Rituals meet daily needs, resolve problems, strengthen social values and meet a community need Everyone responds to a prompt in unison and puts everyone on the same page. Provide a sense of community and well being A ritual is recurring, orchestrated, event that meets a need. A procedure is a predictable action. 	 Start a class with a ritual Get the classes' attention Leave on a high note Celebrate milestones Deal with interruptions a. Interruptions to the class would include the teacher speaking to a guest, privately, to determine the need and length of interruption. The teacher will then give a non-verbal signal to the students how much time the interruption will take.
2. Foster Leadership and Teamwork	A routine is a series of procedures Leadership roles and collaborating teams increase student responsibility and help with confidence	 Teach students a simple leadership model a. Plan and set goals b. Self-evaluate c. Implement plan and monitor Foster leadership at the elementary level Foster leadership at the secondary level Get students involved in the community Let teams take over
3. Captivate with Curriculum	 Make class so interesting that students want to engage Tie curriculum to real life 	 Incorporate issues that connect a. Project based learning b. Authentic tasks Embed real life professionals and trades Have students run a mini-city



4. Integrate	Use technology strategically and	1. Use technology to promote knowledge and skill acquisition	
Technology	purposefully to access both	a. Access world of knowledge	
	engagement and learning	b. Research capabilities in the classroom	
	Promote students' acquisition and	c. Students apply technology solutions	
	knowledge	i. Multi-media presentations	
	Enable students to demonstrate	ii. Spreadsheet	
	and share learning	iii. Web design	
	Access students' learning	iv. Project management	
		v. Computer design for both academic and real world context	
		d. Game like formats	
		2. Use technology to demonstrate and share learning	
		a. Students store and share files	
		b. Conduct presentations	
		c. Building cooperative learning skills	
		3. Use technology to assess student learning	
5. Cultivate	Staff trust	1. Run better meetings	
School Wide	Actionable collaboration	2. Share and reinforce staff norms	
Social Support	Timely cooperation	a. Consistent and dependable	
Support		b. Positive student achievement	
		c. Listening skills	
		d. Positive relationships	
		e. Learn from mistakes	



Engage	Effect Size:
Chapter 9: Meet the Challenge	

Actions	Rationale/commitment	Solutions
1. Get organized	Organize the strategies in a	1. Organize strategies by engagement domain
	meaningful way	a. Effort
	 Provide immediate cognitive 	b. Behavior
	access	c. Cognitive capacity
		d. Attitude
		2. Prioritize
		a. No single correct way to organize
		b. Create clarity on what you need to address in your classroom
		c. Focus on one of the 4 domains per school year
		d. Collaborate to develop mastery
		3. KISS every day (Keep It Simple, Sweetie)
		a. Implement one small item at a time
		b. Tackle your goal in manageable, bite-sized chunks
		c. Stick with it! Mastery won't come overnight
2. Engage with	• All students have different	1. Don't be afraid to try new strategies
differentiation	needs	2. Remove your own pre-conceived notions about what strategies will work
	 Engagement strategies have 	with certain kids
	different frameworks that can	3. Change how you use different engagement strategies
	be customized for any study.	4. Change an activity into a more complex task or change tempo
		5. Change the rules to adapt to different needs
		6. When an activity gets stable or isn't working, stop and brainstorm
		7. Change the setting, time or activity to meet different needs
		8. Keep the process simple
3. Know what to	• Because the process is endless &	1. Know what to expect from your students
expect	difficult, knowing what will likely	2. Know what to expect from your colleagues
	happen will help a person gain	3. Know what to expect from yourself, and manage stress
	clarity	a. Use de-stressing activities
	When you know what to expect	b. Create a strong narrative explaining how you will carry out your plan
	& how to respond, student	c. Talk it through with someone



	engagement will increase	d. Find ways to measure and track your professional growth
4. Break down the breakdowns	 Teaching students from poverty will expose every single weakness in your teaching Instead of getting upset by negative feedback, change things for the next time 	 Debrief what happened using the 7 step check list Planning Evidence Buy-in Difficulty Timing Inclusion Duration/frequency Think through the next steps Learn and implement the difference between goal intention and implementation intention Have the grit to raise the bar We all need to raise our own bars and decide if we are "in or out" in this engagement process for our students