

Top 30 Ranked Contributions to Student Achievement (after Hattie)

School Domain	Curriculum Domain		Teaching Domain	Teacher Domain	Student Domain
Accelerated Instruction (5) d = 0.88	Reading: Vocabulary Programs (15) d = 0.67	1	Formative Evaluations (3) d = 0.90	Pre-service Microteaching (4) d = 0.88	Self-Appraisal (1) d = 1.44
Classroom Management (6) d = 0.80	Reading: Re-reading Programs (16) d = 0.67	2	Comprehensive Interventions (7) d = 0.77	Clarity of Lesson Goals (8) d = 0.75	Developmentally Appropriate (2) d = 1.28
	Specific: Creativity Programs (17) d = 0.65	3	Reciprocal teaching (9) d = 0.74	Teacher-student Relationship (11) d = 0.72	Prior Success (14) d = 0.67
	Reading: Phonics Programs (22) d = 0.60	4	Student Feedback to Teacher (10) d = 0.73	Professional Development (19) d = 0.62	
	Specific: Sensory Motor Programs (27) d = 0.58	5	Deliberative Practice (12) d = 0.71	Not "Silo-ing" Students (21) d = 0.61	
	Reading: Comprehension Programs (28) d = 0.58	6	Meta-cognitive Activities (13) d = 0.69		
		7	Self-questioning (18) d = 0.64		
School effects include: * Safe, caring, and welcoming environment * Peer influences	Aspects of Curriculum that influence student learning include: * A balance of surface and deep learning * A focus on developing learning strategies to construct meaning * Planned strategies that are deliberate with programs that teach skills and deeper understanding	8	Problem-Solving Strategies (20) d = 0.61	The Teacher brings: * Quality of teaching * Expectations * Ideas and beliefs about teaching * Openness * Classroom climate * Clarity around instructional goals * Encouragement of effort * Ability to engage students	The Student brings: * Prior knowledge * Expectations * Openness * Beliefs about the value of learning X * Their reputation as a learner and ability to engage in learning
		9	Discipline-specific Strategies (23) d = 0.60		
		10	Cooperative Learning (24) d = 0.59		
		11	Study Skills Interventions (25) d = 0.59		
		12	Direct Instruction (26) d = 0.59		
		13	Mastery Learning (29) d = 0.58		
		14	Worked Examples (30) d = 0.57		
	Teaching strategies bring: * Focus on learning goals and success criteria * Challenging tasks * Multiple opportunities for practice * Criteria for success * Knowing appropriate learning strategies * Planning for teaching * Ensuring teacher has feedback about their teaching practice				