

Appendix B

The meta-analyses by rank order

Rank	Domain	Influence	d
1	Student	Self-report grades	1.44
2	Student	Piagetian programs	1.28
3	Teaching	Providing formative evaluation	0.90
4	Teacher	Micro teaching	0.88
5	School	Acceleration	0.88
6	School	Classroom behavioral	0.80
7	Teaching	Comprehensive interventions for learning disabled students	0.77
8	Teacher	Teacher clarity	0.75
9	Teaching	Reciprocal teaching	0.74
10	Teaching	Feedback	0.73
11	Teacher	Teacher-student relationships	0.72
12	Teaching	Spaced vs. mass practice	0.71
13	Teaching	Meta-cognitive strategies	0.69
14	Student	Prior achievement	0.67
15	Curricula	Vocabulary programs	0.67
16	Curricula	Repeated reading programs	0.67
17	Curricula	Creativity programs	0.65
18	Teaching	Self-verbalization/self-questioning	0.64
19	Teacher	Professional development	0.62
20	Teaching	Problem-solving teaching	0.61
21	Teacher	Not Labeling students	0.61
22	Curricula	Phonics instruction	0.60
23	Teaching	Teaching strategies	0.60
24	Teaching	Cooperative vs. individualistic learning	0.59
25	Teaching	Study skills	0.59
26	Teaching	Direct Instruction	0.59
27	Curricula	Tactile stimulation programs	0.58
28	Curricula	Comprehension programs	0.58
29	Teaching	Mastery learning	0.58
30	Teaching	Worked examples	0.57
31	Home	Home environment	0.57
32	Home	Socioeconomic status	0.57
33	Teaching	Concept mapping	0.57
34	Teaching	Goals	0.56
35	Curricula	Visual-perception programs	0.55
36	Teaching	Peer tutoring	0.55
37	Teaching	Cooperative vs. competitive learning	0.54
38	Student	Pre-term birth weight	0.54
39	School	Classroom cohesion	0.53
40	Teaching	Keller's PIS	0.53
41	School	Peer influences	0.53
42	School	Classroom management	0.52
43	Curricula	Outdoor/adventure programs	0.52
44	Teaching	Interactive video methods	0.52
45	Home	Parental involvement	0.51

46	Curricula	Play programs	0.50
47	Curricula	Second/third chance programs	0.50
48	School	Small group learning	0.49
49	Student	Concentration/persistence/engagement	0.48
50	School	School effects	0.48
51	Student	Motivation	0.48
52	Student	Early intervention	0.47
53	Teaching	Questioning	0.46
54	Curricula	Mathematics	0.45
55	Student	Preschool programs	0.45
56	Teacher	Quality of Teaching	0.44
57	Curricula	Writing Programs	0.44
58	Teacher	Expectations	0.43
59	School	School size	0.43
60	Student	Self-concept	0.43
61	Teaching	Behavioral organizers/Adjunct questions	0.41
62	Teaching	Matching style of learning	0.41
63	Teaching	Cooperative learning	0.41
64	Curricula	Science	0.40
65	Curricula	Social skills programs	0.40
66	Student	Reducing anxiety	0.40
67	Curricula	Intergrated Curriculum Programs	0.39
68	School	Enrichment	0.39
69	Curricula	Career Interventions	0.38
70	Teaching	Time on Task	0.38
71	Teaching	Computer assisted instruction	0.37
72	Teaching	Adjunct aids	0.37
73	Curricula	Bilingual programs	0.37
74	School	Principals/school leaders	0.36
75	Student	Attitude to mathematics/science	0.36
76	Curricula	Exposure to reading	0.36
77	Curricula	Drama/Arts programs	0.35
78	Student	Creativity	0.35
79	Teaching	Frequent/effects of testing	0.34
80	School	Decreasing disruptive behavior	0.34
81	Student	Drugs	0.33
82	Teaching	Simulations	0.33
83	Teaching	Inductive teaching	0.33
84	Student	Positive view of own ethnicity	0.32
85	Teacher	Teacher effects	0.32
86	Teaching	Inquiry based teaching	0.31
87	School	Ability grouping for gifted Students	0.30
88	Teaching	Homework	0.29
89	Home	Home visiting	0.29
90	Student	Exercise/relaxation	0.28
91	School	Desegregation	0.28
92	School	Mainstreaming	0.28
93	Curricula	Use of calculators	0.27
94	Curricula	Values/moral education programs	0.24
95	Teaching	Programmed instruction	0.24

96	Teaching	Special college programs	0.24
97	Teaching	Competitive vs. individualistic learning	0.24
98	School	Summer school	0.23
99	School	Finances	0.23
100	Teaching	Individualized instruction	0.23
101	School	Religious Schools	0.23
102	Student	Lack of Illness	0.23
103	Teaching	Teaching test taking	0.22
104	Teaching	Visual/audio-visual methods	0.22
105	Teaching	Comprehensive teaching reforms	0.22
106	School	Class size	0.21
107	School	Charter Schools	0.20
108	Teaching	Aptitude/treatment interactions	0.19
109	Student	Personality	0.19
110	Teaching	Learning hierarchies	0.19
111	Teaching	Co-/team teaching	0.19
112	Teaching	Web-based learning	0.18
113	Home	Family structure	0.17
114	Curricula	Extra-curricular programs	0.17
115	Teaching	Teacher immediacy	0.16
116	School	Within class grouping	0.16
117	Teaching	Home-school programs	0.16
118	Teaching	Problem-based learning	0.15
119	Curricula	Sentence combining programs	0.15
120	Teaching	Mentoring	0.15
121	School	Ability grouping	0.12
122	Student	Gender	0.12
123	Student	Diet	0.12
124	Teacher	Teacher training	0.11
125	Teacher	Teacher subject matter knowledge	0.09
126	Teaching	Distance Education	0.09
127	School	Out of school curricula experiences	0.09
128	Curricula	Perceptual-Motor programs	0.08
129	Curricula	Whole language	0.06
130	School	College halls of residence	0.05
131	School	Multi-grade/age classes	0.04
132	Teaching	Student control over learning	0.04
133	School	Open vs. traditional	0.01
134	School	Summer vacation	-0.09
135	Home	Welfare policies	-0.12
136	School	Retention	-0.16
137	Home	Television	-0.18
138	School	Mobility	-0.34