Hattie's Meta-analysis by rank order

Rank	Influence	ES
1	Self-reported grades/Student Expectations	1.44
2	Piagetian programs	1.28
3	Response to intervention	1.07
4	Teacher credibility	0.90
4	Providing formative evaluation	0.90
6	Micro-teaching	0.88
7	Classroom discussion	0.82
8	Comprehensive interventions for learning disabled students	0.77
9	Teacher clarity	0.75
10	Feedback	0.75
11	Reciprocal teaching	0.74
12	Teacher-student relationships	0.72
13	Spaced vs mass practice	0.71
14	Meta-cognitive strategies	0.69
15	Acceleration	0.68
16	Classroom behavioural	0.68
17	Vocabulary programs	0.67
18	Repeated reading programs	0.67
19	Creativity programs on achievement	0.65
20	Prior achievement	0.65
21	Self-verbalization and self-questioning	0.64
22	Study skills	0.63
23	Teaching strategies	0.62
24	Problem-solving teaching	0.61
25	Not labeling students	0.61
26	Comprehension programs	0.60
27	Concept mapping	0.60
28	Cooperative vs individualistic learning	0.59
29	Direct instruction	0.59
30	Tactile stimulation programs	0.59
31	Mastery learning	0.58
32	Worked examples	0.57
33	Visual-perception programs	0.55
34	Peer tutoring	0.55
35	Cooperative vs competitive learning	0.54
36	Phonics instruction	0.54
37	Student-centered teaching	0.54
38	Classroom cohesion	0.53
39	Pre-term birth weight	0.53
40	Keller's Master Learning	0.53
41	Peer influences	0.53
42	Classroom management	0.52
43	Outdoor/adventure programs	0.52
44	Home environment	0.52
45	Socio-economic status	0.52
46	Interactive video methods	0.52
47	Professional development	0.51
48	Goals	0.50

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Hattie's Meta-analysis by rank order

Rank	Influence	ES
49	Play programs	0.50
50	Second/third-chance programs	0.50
51	Parental involvement	0.49
52	Small-group learning	0.49
53	Questioning	0.48
54	Concentration/persistence/engagement	0.48
55	School effects	0.48
56	Motivation	0.48
57	Quality of teaching	0.48
58	Early intervention	0.47
59	Self-concept	0.47
60	Preschool programs	0.45
61	Writing programs	0.44
62	Teacher expectations	0.43
63	School size	0.43
64	Science programs	0.42
65	Cooperative learning	0.42
66	Exposure to reading	0.42
67	Behavioural organizers/adjunct questions	0.41
68	Mathematics programs	0.40
69	Reducing anxiety	0.40
70	Social skills programs	0.39
71	Integrated curricula programs	0.39
72	Enrichment	0.39
73	Principals/school leaders	0.39
74	Career interventions	0.38
75	Time on task	0.38
76	Psychotherapy programs	0.38
77	Computer-assisted instruction	0.37
78	Adjunct aids	0.37
79	Bilingual programs	0.37
80	Drama/arts programs	0.35
81	Creativity related to achievement	0.35
82	Attitude to mathematics/science	0.35
83	Frequency/effects of testing	0.34
84	Decreasing disruptive behaviour	0.34
85	Various teaching on creativity	0.34
86	Simulations	0.33
87	Inductive teaching	0.33
88	Ethnicity	0.32
89	Teacher effects	0.32
90	Drugs	0.32
91	Enquiry-based teaching	0.31
92	Systems accountability	0.31
93	Ability grouping for gifted students	0.29
94	Homework	0.29
95	Home visiting	0.28
96	Exercise/relaxation	0.28

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Rank	Influence	ES
97	Desegregation	0.27
98	Teaching test-taking and coaching	0.27
99	Use of calculators	0.27
100	Volunteer tutors	0.26
101	Lack of illness	0.25
102	Mainstreaming	0.24
103	Values/moral education programs	0.24
104	Competitive vs individualistic learning	0.24
105	Programmed instruction	0.23
106	Summer school	0.23
107	Finances	0.23
108	Religious schools	0.22
109	Individualized instruction	0.22
110	Visual/audio-visual methods	0.22
111	Comprehensive teaching reforms	0.22
112	Teacher verbal ability	0.22
113	Class size	0.21
114	Charter schools	0.20
115	Aptitude/treatment interactions	0.19
116	Extra-curricular programs	0.19
116	Learning hierarchies	0.19
118	Co-/team teaching	0.19
119	Personality	0.18
120	Within-class grouping	0.18
120	Special college programs	0.18
122	Family structure	0.18
123	School counselling effects	0.18
124	Web-based learning	0.18
125	Matching style of learning	0.17
126	Teacher immediacy	0.16
127	Home-school programs	0.16
128	Problem-based learning	0.15
129	Sentence-combining programs	0.15
130	Mentoring	0.15
131	Ability grouping	0.12
132	Diet	0.12
133	Gender	0.12
134	Teacher education	0.12
135	Distance education	0.11
136	Teacher subject matter knowledge	0.09
137	Changing school calendars/timetables	0.09
138	Out-of-school curricular experiences	0.09
139	Perceptual-motor programs	0.08
140	Whole language	0.06
141	Ethnic diversity of students	0.05
142	College halls of residence	0.05
143	Multi-grade/multi-age classes	0.04
144	Student control over learning	0.04
145	Open vs traditional	0.01
146	Summer vacation	-0.02

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Rank	Influence	ES
147	Welfare policies	-0.12
148	Retention	-0.13
149	Television	-0.18
150	Mobility	-0.34

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