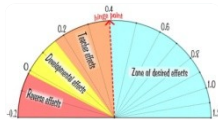


## Die 66 Faktoren $\geq 0.40$ , sortiert nach Ranking

Rank	Domain	Influence	d	0.4-Quote
1.	student	Self-report grades	1.44	360%
2.	student	Piagetian programs	1.28	320%
3.	teaching	Providing formative evaluation	0.90	225%
4.	teacher	Micro teaching	0.88	220%
5.	school	Acceleration	0.88	220%
6.	school	Classroom behavioral	0.80	200%
7.	teaching	Comprehensive interventions for learning disabled students	0.77	193%
8.	teacher	Teacher clarity	0.75	188%
9.	teaching	Reciprocal teaching	0.74	185%
10.	teaching	Feedback	0.73	183%
11.	teacher	Teacher-student relationships	0.72	180%
12.	teaching	Spaced vs. mass practice	0.71	178%
13.	teaching	Meta-cognitive strategies	0.69	173%
14.	student	Prior achievement	0.67	168%
15.	curricula	Vocabulary programs	0.67	168%
16.	curricula	Repeated reading programs	0.67	168%
17.	curricula	Creativity programs	0.65	163%
18.	teaching	Self-verbalization / self-questioning	0.64	160%
19.	teacher	Professional development	0.62	155%
20.	teaching	Problem-solving teaching	0.61	153%
21.	teacher	Not labeling students	0.61	153%
22.	curricula	Phonics instruction	0.60	150%
23.	teaching	Teaching strategies	0.60	150%
24.	teaching	Cooperative vs. individualistic learning	0.59	148%
25.	teaching	Study skills	0.59	148%
26.	teaching	Direct instruction	0.59	148%
27.	curricula	Tactile stimulation programs	0.58	145%
28.	curricula	Comprehension programs	0.58	145%
29.	teaching	Mastery learning	0.58	145%
30.	teaching	Worked examples	0.57	143%
31.	home	Home environment	0.57	143%
32.	home	Socioeconomic status	0.57	143%
33.	teaching	Concept mapping	0.57	143%
34.	teaching	Goals	0.56	140%
35.	curricula	Visual-perception programs	0.55	138%
36.	teaching	Peer tutoring	0.55	138%
37.	teaching	Cooperative vs. competitive programs	0.54	135%
38.	student	Pre-term birth weight	0.54	135%
39.	school	Classroom cohesion	0.53	133%
40.	teaching	Keller's PIS	0.53	133%
41.	school	Peer influences	0.53	133%
42.	school	Classroom management	0.52	130%
43.	curricula	Outdoor/adventure programs	0.52	130%
44.	teaching	Interactive video methods	0.52	130%
45.	home	Parental involvement	0.51	128%
46.	curricula	Play programs	0.50	125%
47.	curricula	Second/third chance programs	0.50	125%
48.	school	Small group learning	0.49	123%
49.	student	Concentration / persistence / engagement	0.48	120%
50.	school	School effects	0.48	120%
51.	student	Motivation	0.48	120%
52.	student	Early intervention	0.47	118%
53.	teaching	Questioning	0.46	115%
54.	curricula	Mathematics	0.45	113%
55.	student	Preschool programs	0.45	113%
56.	teacher	Quality of teaching	0.44	110%
57.	curricula	Writing programs	0.44	110%
58.	teacher	Expectations	0.43	108%
59.	school	School size	0.43	108%
60.	student	Self-concept	0.43	108%
61.	teaching	Behavioral organizers / adjunct questions	0.41	103%
62.	teaching	Matching style of learning	0.41	103%
63.	teaching	Cooperative learning	0.41	103%
64.	curricula	Science	0.40	100%
65.	curricula	Social skills programs	0.40	100%
66.	student	Reducing anxiety	0.40	100%



## Die 66 Faktoren $\geq 0.40$ , sortiert nach Kategorien

Rank	Domain	Influence	d	0.4-Quote
3.	teaching	Providing formative evaluation	0.90	225%
7.	teaching	Comprehensive interventions for learning disabled students	0.77	193%
9.	teaching	Reciprocal teaching	0.74	185%
10.	teaching	Feedback	0.73	183%
12.	teaching	Spaced vs. mass practice	0.71	178%
13.	teaching	Meta-cognitive strategies	0.69	173%
18.	teaching	Self-verbalization / self-questioning	0.64	160%
20.	teaching	Problem-solving teaching	0.61	153%
23.	teaching	Teaching strategies	0.60	150%
24.	teaching	Cooperative vs. individualistic learning	0.59	148%
25.	teaching	Study skills	0.59	148%
26.	teaching	Direct instruction	0.59	148%
29.	teaching	Mastery learning	0.58	145%
30.	teaching	Worked examples	0.57	143%
33.	teaching	Concept mapping	0.57	143%
34.	teaching	Goals	0.56	140%
36.	teaching	Peer tutoring	0.55	138%
37.	teaching	Cooperative vs. competitive programs	0.54	135%
40.	teaching	Keller's PIS	0.53	133%
44.	teaching	Interactive video methods	0.52	130%
53.	teaching	Questioning	0.46	115%
61.	teaching	Behavioral organizers / adjunct questions	0.41	103%
62.	teaching	Matching style of learning	0.41	103%
63.	teaching	Cooperative learning	0.41	103%

24 Aspekte (36,4 % von 66)

Rank	Domain	Influence	d	0.4-Quote
4.	teacher	Micro teaching	0.88	220%
8.	teacher	Teacher clarity	0.75	188%
11.	teacher	Teacher-student relationships	0.72	180%
19.	teacher	Professional development	0.62	155%
21.	teacher	Not labeling students	0.61	153%
56.	teacher	Quality of teaching	0.44	110%
58.	teacher	Expectations	0.43	108%

7 Aspekte (10,6 % von 66)

Rank	Domain	Influence	d	0.4-Quote
1.	student	Self-report grades	1.44	360%
2.	student	Piagetian programs	1.28	320%
14.	student	Prior achievement	0.67	168%
38.	student	Pre-term birth weight	0.54	135%
49.	student	Concentration / persistence / engagement	0.48	120%
51.	student	Motivation	0.48	120%
52.	student	Early intervention	0.47	118%
55.	student	Preschool programs	0.45	113%
60.	student	Self-concept	0.43	108%
66.	student	Reducing anxiety	0.40	100%

10 Aspekte (15,2 % von 66)

Rank	Domain	Influence	d	0.4-Quote
31.	home	Home environment	0.57	143%
32.	home	Socioeconomic status	0.57	143%
45.	home	Parental involvement	0.51	128%

3 Aspekte (4,5 % von 66)

Rank	Domain	Influence	d	0.4-Quote
5.	school	Acceleration	0.88	220%
6.	school	Classroom behavioral	0.80	200%
39.	school	Classroom cohesion	0.53	133%
41.	school	Peer influences	0.53	133%
42.	school	Classroom management	0.52	130%
48.	school	Small group learning	0.49	123%
50.	school	School effects	0.48	120%
59.	school	School size	0.43	108%

8 Aspekte (12,1 % von 66)

Rank	Domain	Influence	d	0.4-Quote
15.	curricula	Vocabulary programs	0.67	168%
16.	curricula	Repeated reading programs	0.67	168%
17.	curricula	Creativity programs	0.65	163%
22.	curricula	Phonics instruction	0.60	150%
27.	curricula	Tactile stimulation programs	0.58	145%
28.	curricula	Comprehension programs	0.58	145%
35.	curricula	Visual-perception programs	0.55	138%
43.	curricula	Outdoor/adventure programs	0.52	130%
46.	curricula	Play programs	0.50	125%
47.	curricula	Second/third chance programs	0.50	125%
54.	curricula	Mathematics	0.45	113%
57.	curricula	Writing programs	0.44	110%
64.	curricula	Science	0.40	100%
65.	curricula	Social skills programs	0.40	100%

14 Aspekte (21,2 % von 66)

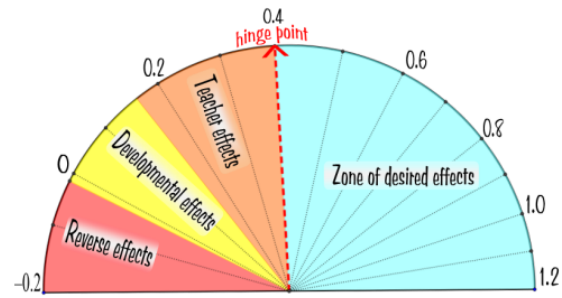
138 Einflussfaktoren  
**What works best?**

66 Faktoren  $\geq 0.40$  (hinge-point)

wirkungsmächtig

31 Faktoren  $< 0.20$

unwirksam, praktisch keine Effekte oder gar kontraproduktiv



Rank	Domain	Influence	d	0.4-Quote
1.	student	Self-report grades	1.44	360%
2.	student	Piagetian programs	1.28	320%
3.	teaching	Providing formative evaluation	0.90	225%
4.	teacher	Micro teaching	0.88	220%
5.	school	Acceleration	0.88	220%
6.	school	Classroom behavioral	0.80	200%
7.	teaching	Comprehensive interventions for learning disabled students	0.77	193%
8.	teacher	Teacher clarity	0.75	188%
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10.	teaching	Feedback	0.73	183%
11.	teacher	Teacher-student relationships	0.72	180%
12.	teaching	Spaced vs. mass practice	0.71	178%
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14.	student	Prior achievement	0.67	168%
15.	curricula	Vocabulary programs	0.67	168%
16.	curricula	Repeated reading programs	0.67	168%
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18.	teaching	Self-verbalization / self-questioning	0.64	160%
19.	teacher	Professional development	0.62	155%
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29.	teaching	Mastery learning	0.58	145%
30.	teaching	Worked examples	0.57	143%
31.	home	Home environment	0.57	143%
32.	home	Socioeconomic status	0.57	143%
33.	teaching	Concept mapping	0.57	143%
34.	teaching	Goals	0.56	140%
35.	curricula	Visual-perception programs	0.55	138%
36.	teaching	Peer tutoring	0.55	138%
37.	teaching	Cooperative vs. competitive programs	0.54	135%
38.	student	Pre-term birth weight	0.54	135%
39.	school	Classroom cohesion	0.53	133%
40.	teaching	Keller's PIS	0.53	133%
41.	school	Peer influences	0.53	133%
42.	school	Classroom management	0.52	130%
43.	curricula	Outdoor/adventure programs	0.52	130%
44.	teaching	Interactive video methods	0.52	130%
45.	home	Parental involvement	0.51	128%
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55.	student	Preschool programs	0.45	113%
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58.	teacher	Expectations	0.43	108%
59.	school	School size	0.43	108%
60.	student	Self-concept	0.43	108%
61.	teaching	Behavioral organizers / adjunct questions	0.41	103%
62.	teaching	Matching style of learning	0.41	103%
63.	teaching	Cooperative learning	0.41	103%
64.	curricula	Science	0.40	100%
65.	curricula	Social skills programs	0.40	100%
66.	student	Reducing anxiety	0.40	100%
67.	curricula	Integrated curriculum programs	0.39	98%
68.	school	Enrichment	0.39	98%
69.	curricula	Career interventions	0.38	95%
70.	teaching	Time on task	0.38	95%
71.	teaching	Computer assisted instruction	0.37	93%
72.	teaching	Adjunct aids	0.37	93%
73.	curricula	Bilingual programs	0.37	93%
74.	school	Principals / school leaders	0.36	90%
75.	student	Attitude to mathematics / science	0.36	90%
76.	curricula	Exposure to reading	0.36	90%
77.	curricula	Drama /Arts programs	0.35	88%
78.	student	Creativity	0.35	88%
79.	teaching	Frequent / effects of testing	0.34	85%
80.	school	Decreasing disruptive behavior	0.34	85%
81.	student	Drugs	0.33	83%
82.	teaching	Simulations	0.33	83%
83.	teaching	Inductive teaching	0.33	83%
84.	student	Positive view of own ethnicity	0.32	80%
85.	teacher	Teacher effects	0.32	80%
86.	teaching	Inquiry based teaching	0.31	78%
87.	school	Ability grouping for gifted Students	0.30	75%
88.	teaching	Homework	0.29	73%
89.	home	Home visiting	0.29	73%
90.	student	Exercise / Relaxation	0.28	70%
91.	school	Desegregation	0.28	70%
92.	school	Mainstreaming	0.28	70%
93.	curricula	Use of calculators	0.27	68%
94.	curricula	Values/moral education programs	0.24	60%
95.	teaching	Programmed instruction	0.24	60%
96.	teaching	Special college programs	0.24	60%
97.	teaching	Competitive vs. individualistic learning	0.24	60%
98.	school	Summer school	0.23	58%
99.	school	Finances	0.23	58%
100.	teaching	Individualized instruction	0.23	58%
101.	school	Religious Schools	0.23	58%
102.	student	Lack of Illness	0.23	58%
103.	teaching	Teaching test taking	0.22	55%
104.	teaching	Visual/audio-visual methods	0.22	55%
105.	teaching	Comprehensive teaching reforms	0.22	55%
106.	school	Class size	0.21	53%
107.	school	Charter Schools	0.20	50%
108.	teaching	Aptitude/treatment interactions	0.19	48%
109.	student	Personality	0.19	48%
110.	teaching	Learning hierarchies	0.19	48%
111.	teaching	Co-/ team teaching	0.19	48%
112.	teaching	Web-based learning	0.18	45%
113.	home	Family structure	0.17	43%
114.	curricula	Extra-curricular programs	0.17	43%
115.	teaching	Teacher immediacy	0.16	40%
116.	school	Within class grouping	0.16	40%
117.	teaching	Home-school programs	0.16	40%
118.	teaching	Problem-based learning	0.15	38%

119.	curricula	Sentence combining programs	0.15	38%
120.	teaching	Mentoring	0.15	38%
121.	school	Ability grouping	0.12	30%
122.	student	Gender	0.12	30%
123.	student	Diet	0.12	30%
124.	teacher	Teacher training	0.11	28%
125.	teacher	Teacher subject matter knowledge	0.09	23%
126.	teaching	Distance education	0.09	23%
127.	school	Out of school curricula experiences	0.09	23%
128.	curricula	Perceptual-motor programs	0.08	20%
129.	curricula	Whole language	0.06	15%
130.	school	College halls of residence	0.05	13%
131.	school	Multi-grade/age classes	0.04	10%
132.	teaching	Student control over learning	0.04	10%
133.	school	open vs. traditional	0.01	3%
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	

Daten entnommen aus:

John A. C. Hattie. Visible Learning: A synthesis of over 800 meta-analyses relating to achievement.  
 London & New York: Routledge, 2009.  
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