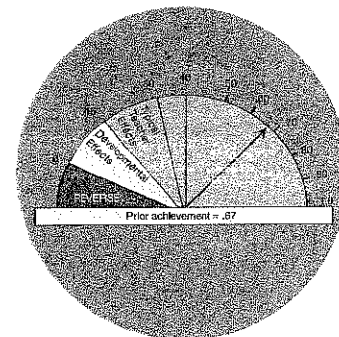
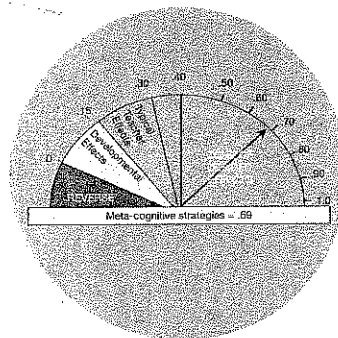
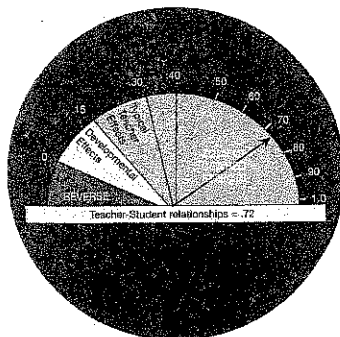
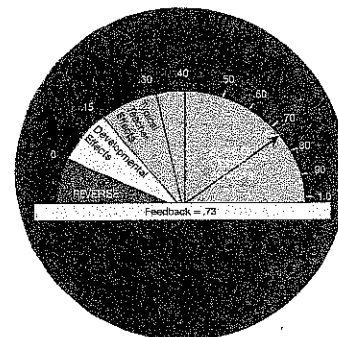
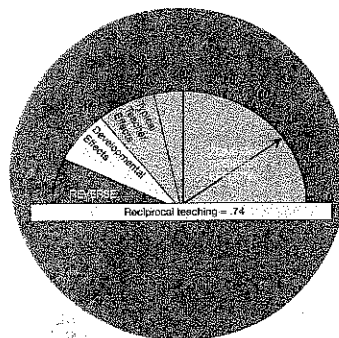
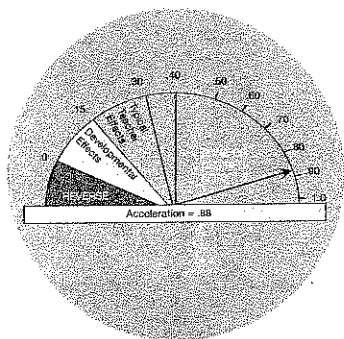


# VISIBLE LEARNING

## A SYNTHESIS OF OVER 800 META-ANALYSES RELATING TO ACHIEVEMENT

*"Reveals teaching's Holy Grail"*

The Times Educational Supplement



CURRICULUM &  
PROFESSIONAL  
DEVELOPMENT  
MUKILTEO SCHOOL DISTRICT

JOHN HATTIE



## Appendix B continued

Rank	Domain	Influence	d
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	Integrated 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

*Appendix B continued*

<b>Rank</b>	<b>Domain</b>	<b>Influence</b>	<b>d</b>
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