

# Influence on Learning

Sources, Aspects and Factors evident in the ThinkPlus Metacurriculum

Source	Aspect	Factor	Effect Size
Teacher	Teacher Attributes	Teacher estimates of student achievement	1.62
School	Leadership	Collective teacher efficacy	1.57
Student	Prior Knowledge & Background	Self-reported grades	1.33
Teaching: Teaching/ Instruction Strategies	Strategies Emphasising Learning Intentions	Cognitive task analysis	1.29
Teaching: Teaching/ Instruction Strategies	Strategies Emphasising Feedback	Response to Intervention	1.29
Student	Prior Knowledge & Background	Piagetian programs	1.28
Teaching: Teaching/ Instruction Strategies	Teaching/Instruction Strategies	Jigsaw method	1.2
Curricula	Other Curricula Programs	Conceptual Change Programs	0.99
Student	Prior Knowledge & Background	Prior ability	0.94
Teaching: Student Learning Strategies	Learning Strategies	Strategy to integrate with prior knowledge	0.93
Student	Beliefs, Attitudes, Dispositions	Self-Efficacy	0.92
Teacher	Teacher Attributes	Teacher credibility	0.9
Teacher	Teacher Education	Micro teaching	0.88
Teaching: Student Learning Strategies	Meta-cognition/Self-Regulated Learning	Transfer strategies	0.86
Teaching: Student Learning Strategies	Meta-cognition/Self-Regulated Learning	Seeking help from peers	0.83
Teaching: Teaching/ Instruction Strategies	Teaching/Instruction Strategies	Scaffolding	0.82
Teaching: Teaching/ Instruction Strategies	Strategies Emphasising Feedback	Classroom discussion	0.82
Teaching: Student Learning Strategies	Learning Strategies	Deliberate practice	0.79
Teaching: Focus on Implementation Method	Implementation Using School-Wide Teaching Initiatives	Interventions for the learning disabled	0.77
Teaching: Student Learning Strategies	Learning Strategies	Effort	0.77

Adapted from <http://www.evidencebasedteaching.org.au/hatties-2017-updated->