

Table 1.1 Factors Influencing Student Achievement and Their Effect Size

INFLUENCE	EFFECT SIZE
Collective teacher efficacy	1.57
Self-reported grades/student expectations	1.44
Teacher clarity	0.75
Feedback	0.75
Teacher-student relationships	0.72
Metacognitive strategies	0.69
Prior achievement	0.65
Phonics instruction	0.54
Socioeconomic status	0.52
Home environment	0.52
Play programs	0.50
Parental involvement	0.49
Motivation	0.48
Concentration/persistence/engagement	0.48
School size	0.43
Mathematics programs	0.40
School leadership	0.39
Homework	0.29

Source: Adapted from Hattie, J. (2012). *Visible learning for teachers: Maximizing impact on learning*. New York, NY: Routledge; and Hattie, J. (2016, July). *Mindframes and Maximizers*. 3rd Annual Visible Learning Conference held in Washington, DC.