

The Learning Sciences Framework in Educational Leadership

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Supplementary Material

Appendix A

Academic Achievement (Structures, Processes)	J, V, GG, RR, YY, KKK
Accountability	EE, KK
Affirmation/Celebration	HHH
After-school Programs	N
Change agent	HHH
Change Management	BB, V
Communication	L, M, S, EE, HHH
Contingent rewards	HHH
Culture (school) (intelligence)	KK, SS, HHH
Curriculum	V, EE, KK, WW, HHH
Data-driven decision making	EE, KK
Discipline	HHH
Diversity	KKK, WWW
Establishing goals and expectations	V
Ethical/Moral guidance	I, KKK
Evaluation/Assessment	V, EE, KK, LL, PP, HHH
Extra-curricular activities	VV
Flexibility (with change, stress)	HHH
Focus (goals)	KK, NN, WW, HHH
Ideas (beliefs)	HHH
Innovation and Creativity	R, AA
Input (from others)	HHH
Instruction	Y, Z, EE
Intellectual stimulation (stays informed)	HHH
Optimizer (inspires others)	HHH
Order (enforces rules)	HHH
Outreach (community)	KK, NN, HHH
People (see relationships)	
Planning, coordinating and evaluating teaching and the curriculum	EE
Professional Development	EE

Learning Sciences Framework in Educational Leadership

Promoting and taking part in teacher learning	PP
Human Resources/Recruitment	NN
Relationship (with staff, students, parents)/Community building	V, FF, KK, PP, WW
Resources (materials, equipment)	L, V, EE, KK, WW, HHH
Safety	EE, RR
School Environment/Community Building	A, D, L, V, EE, FF, HH, KK, WW, FFF
School Growth	V
School Organization	EE, JJ, KK
Self-efficacy (collective, teacher, student)	B, C, U, DD, MM
Service-learning	G, L, GGG
Situational awareness (aware of relationships)	V, KK, HHH
Social-Emotional Learning	O, P, Q, II, UU, YY
Strategic resourcing	NN, PP, WW
Technology	OO, BBB, DDD
Values	V
Visibility	HHH
Vision and Goals	V, KK

Legend to Appendix A

- A. Allen, K., Kern, M. L., Vella-Brodrick, D., Hattie, J., & Waters, L. (2018). What schools need to know about fostering school belonging: A meta-analysis. *Educational Psychology Review* 30, 1–34. DOI 10.1007/s10648-016-9389-8
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Learning Sciences Framework in Educational Leadership

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