

Relationship by Standard and Grade

Grade	K	1	2	K-2	3	4	5	3-5	MS	HS	Average
ESS1 There is limited opportunity to connect the NGSS ESS1 Standards to the EP & C's.											
Principle I Average		3.0	3.0			3.0	3.0		3.0	2.7	2.9
Principle II Average		3.0	3.0			3.0	3.0		3.0	3.0	3.0
Principle III Average		2.0	3.0			2.7	2.0		2.0	2.0	2.3
Principle IV Average		3.0	3.0			3.0	3.0		3.0	3.0	3.0
Principle V Average		3.0	3.0			3.0	3.0		3.0	3.0	3.0
ESS2 The opportunity exists to connect the NGSS ESS2 Standard to the EP&C's, but significant modifications would be required.											
Principle I Average	3.0		2.7		2.7	1.7	2.0		2.3	1.7	2.3
Principle II Average	1.8		2.8		3.0	2.0	3.0		3.0	2.0	2.5
Principle III Average	1.3		1.3		2.0	1.7	1.7		1.7	1.0	1.5
Principle IV Average	3.0		3.0		3.0	3.0	2.7		2.7	1.0	2.6
Principle V Average	1.5		2.5		3.0	3.0	3.0		3.0	1.5	2.5
ESS3 The connections between the NGSS ESS3 Standard and the EP&C's are very strong, particularly in middle and high school.											
Principle I Average	2.3				3.0	2.0	1.7		1.0	1.0	1.8
Principle II Average	1.3				3.0	2.0	1.5		1.0	1.0	1.6
Principle III Average	1.0				3.0	1.3	1.7		1.0	1.0	1.5
Principle IV Average	2.3				3.0	1.7	2.0		1.0	1.0	1.8
Principle V Average	1.5				2.0	1.5	1.0		1.0	1.5	1.4
ETS1 The opportunity exists to connect the NGSS ETS1 Standard to the EP & C's, but with significant modifications.											
Principle I Average				3.0				2.7	1.7	1.7	2.3
Principle II Average				3.0				2.3	2.0	1.8	2.3
Principle III Average				2.0				2.0	1.3	1.3	1.7
Principle IV Average				3.0				2.0	1.7	2.0	2.2
Principle V Average				2.5				2.0	1.5	1.5	1.9
LS1 There is limited opportunity to connect the NGSS LS1 Standard to the EP&C's, apart from Principle III, where the opportunity exists but would require modification.											
Principle I Average	2.3	3.0			3.0	3.0	2.7		1.7	2.3	2.6
Principle II Average	3.0	3.0			3.0	3.0	3.0		3.0	3.0	3.0
Principle III Average	1.7	1.7			2.0	1.7	2.3		1.7	1.7	1.8
Principle IV Average		3.0	3.0			3.0	3.0		3.0	3.0	3.0
Principle V Average		3.0	3.0			3.0	3.0		3.0	3.0	3.0




Relationship by Standard and Grade *continued*

Grade	K	1	2	K-2	3	4	5	3-5	MS	HS	Average
LS2 The opportunity exists to connect the NGSS LS2 Standard to the EP&C's, but significant modifications would be required.											
Principle I Average			2.3		3.0		1.3		1.0	1.0	1.7
Principle II Average			3.0		3.0		3.0		2.0	1.3	2.5
Principle III Average			1.7		2.3		1.3		1.3	1.0	1.5
Principle IV Average			3.0		3.0		2.7		2.0	1.3	2.4
Principle V Average			3.0		3.0		3.0		1.5	1.5	2.4
LS3 There is limited opportunity to connect the NGSS LS3 Standard to the EP&C's.											
Principle I Average		3.0			3.0				3.0	3.0	3.0
Principle II Average		3.0			3.0				3.0	3.0	3.0
Principle III Average		3.0			3.0				2.3	2	2.7
Principle IV Average		3.0			3.0				2.3	3.0	2.6
Principle V Average		3.0			3.0				3.0	3.0	3.0
LS4 The opportunity exists to connect the NGSS LS4 Standard to the EP&C's, but significant modifications would be required.											
Principle I Average			3.0		2.0				3.0	1.0	2.3
Principle II Average			3.0		3.0				2.5	1.3	2.4
Principle III Average			3.0		1.7				1.3	1.0	1.8
Principle IV Average			3.0		3.0				2.3	1.3	2.4
Principle V Average			3.0		2.0				2.5	1.5	2.3
PS1 There is limited opportunity to connect the NGSS PS1 Standard to the EP&C's.											
Principle I Average			3.0				3.0		3.0	3.0	3.0
Principle II Average			3.0				3.0		3.0	3.0	3.0
Principle III Average			3.0				3.0		2.3	2.7	2.8
Principle IV Average			3.0				2.7		3.0	2.7	2.8
Principle V Average			3.0				3.0		3.0	3.0	3.0
PS2 There is limited opportunity to connect the NGSS PS2 Standard to the EP&C's.											
Principle I Average	3.0				3.0		3.0		3.0	3.0	3.0
Principle II Average	3.0				3.0		3.0		3.0	3.0	3.0
Principle III Average	3.0				3.0		3.0		2.3	2.3	2.7
Principle IV Average	3.0				3.0		3.0		3.0	3.0	3.0
Principle V Average	3.0				3.0		3.0		3.0	3.0	3.0

Relationship by Standard and Grade *continued*

Grade	K	1	2	K-2	3	4	5	3-5	MS	HS	Average
PS3 There is limited opportunity to connect the NGSS PS3 Standard to the EP&C's.											
Principle I Average	2.3					2.7	1.7		3.0	2.7	2.5
Principle II Average	3.0					3.0	3.0		3.0	3.0	3.0
Principle III Average	3.0					3.0	1.7		2.0	2.0	2.3
Principle IV Average	3.0					3.0	3.0		3.0	3.0	3.0
Principle V Average	3.0					2.5	3.0		3.0	2.5	2.8
PS4 There is limited opportunity to connect the NGSS PS4 Standard to the EP&C's.											
Principle I Average		3.0				3.0			3.0	3.0	3.0
Principle II Average		3.0				3.0			3.0	3.0	3.0
Principle III Average		3.0				3.0			2.0	2.3	2.6
Principle IV Average		3.0				3.0			3.0	3.0	3.0
Principle V Average		3.0				3.0			3.0	3.0	3.0

Key

-  The language (or explicit intent) of the NGSS standard is a direct or near direct match with the EP&C
-  The EP&C could naturally and effectively be addressed as part of this NGSS standard, but the NGSS language is not explicitly a match to the EP&C
-  There is no substantive match, explicit or otherwise between the EP&C and the NGSS standard