© 2017 Jay McTighe – Used with permission

A Planning Matrix for Science Standards (NGSS)

Content Topics (Core Ideas)	**PRACTICES**	*Asking questions & defining problems*	*Developing and using models*	*Planning and carrying out investigations*	*Analyzing and interpreting data*	*Using math & information technology*	*Constructing explanations; designing solutions*	*Engaging in argument from evidence*	*Obtaining, evaluating, & communicating information*
	CROSS-CUTTING CONCEPTS								
	Patterns								
	Cause and Effect								
	Scale, Proportion, and Quantity								
	Systems and System Models								
	Energy and Matter								
	Structure and Function								
	Stability and Change								