



# PLTW Gateway

NGSS Crosswalk

PLTW Gateway (6-8) is designed to support your science learning needs. The units are developed to ensure an unmatched experience, combining three-dimensional learning; unique, problem-based instructional approach; real-world applied learning; as well as Spanish language options – all in one program.

This Crosswalk shows how each PLTW Gateway unit supports the Next Generation Science Standards. In addition to supporting NGSS, PLTW Gateway’s cross-curricular approach integrates multiple bodies of standards work within each unit. Throughout the program, career connections is a foundational focus as students experience world class curriculum that supports the development of real-world, transportable skills.

Use this crosswalk in combination with the PLTW Gateway [unit descriptions](#) and [standards documents](#) as planning tools to explore how PLTW Gateway can support your students’ learning experiences.

Please note: The information included in this document is subject to change. As with all course materials, we will continue to update as more information becomes available.

Automation and Robotics	Design and Modeling	App Creators	CS for Innovators and Makers	Energy and the Environment
<b>Physical Sciences</b> MS-PS3-2 MS-PS3-4 MS-PS3-5				<b>Physical Sciences</b> MS-PS1-3 MS-PS1-4 MS-PS3-1 MS-PS3-4 MS-PS3-5
	<b>Science and Engineering Practices</b> NGSS-P1 NGSS-P2 NGSS-P3 NGSS-P4 NGSS-P5 NGSS-P6 NGSS-P7 NGSS-P8	<b>Science and Engineering Practices</b> NGSS-P1 NGSS-P2 NGSS-P4 NGSS-P5 NGSS-P6 NGSS-P8	<b>Science and Engineering Practices</b> NGSS-P1 NGSS-P4 NGSS-P5 NGSS-P6 NGSS-P8	<b>Earth and Space Sciences</b> MS-ESS3-3 MS-ESS3-4 MS-ESS3-5
<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-3	<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-3	<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4
<b>Other Body of Standards Support</b>				
Common Core English Language Arts				
Common Core Math				
Standards for Technological Literacy				
		Common Core State Standards for English Language Arts: 6-8 Literacy Standards for History/Social Studies, Science, and Technical Subjects		
		The Computer Science Teachers Association Standards		

Flight and Space	Green Architecture	Magic of Electrons	Medical Detectives	Science of Technology
<b>Physical Sciences</b> MS-PS2-1 MS-PS2-2 MS-PS2-4		<b>Physical Sciences</b> MS-PS1-1 MS-PS2-3 MS-PS2-5 MS-PS4-2 MS-PS4-2	<b>Life Sciences</b> MS-LS1-3 MS-LS1-8	<b>Physical Sciences</b> MS-PS1-6 MS-PS2-1 MS-PS2-2
<b>Earth and Space Sciences</b> MS-ESS1-2	<b>Earth and Space Sciences</b> MS-ESS3-2 MS-ESS3-3 MS-ESS3-4 MS-ESS3-5			<b>Earth and Space Sciences</b> MS-ESS3-3
<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4	<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4		<b>Engineering Design</b> MS-ETS1-1 MS-ETS1-2 MS-ETS1-3 MS-ETS1-4
<b>Science and Engineering Practices</b> NGSS-P1 NGSS-P2 NGSS-P3 NGSS-P4 NGSS-P5 NGSS-P6 NGSS-P7 NGSS-P8			<b>Science and Engineering Practices</b> NGSS-P1 NGSS-P2 NGSS-P3 NGSS-P4 NGSS-P5 NGSS-P6 NGSS-P7 NGSS-P8	
Common Core English Language Arts				
Common Core Math				
Standards for Technological Literacy				
			Common Core State Standards for English Language Arts: 6-8 Literacy Standards for History/Social Studies, Science, and Technical Subjects	
			National Health Science Standards	