PLTW Investment Estimate - All Programs - 05.23.24

These estimates are an approximation and are not guaranteed. Actual costs vary and are subject to change. For a complete list of prices visit the PLTW Store at myPLTW.org.
It is important to look at the PLTW Store product list to determine items that may already be in the classroom.

	Launch (PreK-5)	Year 1	Year 2	Gateway (6-8)	Year 1	Year 2	Biomedical Science (9-12)	Year 1	Year 2	Computer Science (9-12)	Year 1	Year 2	Engineering (9-12)	Year 1	Year 2	Algebra 1 Advanctage	Year 1	Year 2
Annual Participation Fee	Annual Launch Participation Fee	$950	$950	Annual Gateway Participation Fee	$950	$950	Annual BMS Participation Fee	$2,200	$2,200	Annual CS Participation Fee	$2,200	$2,200	Annual ENG Participation Fee	$3,200	$3,200	Annual A1A Participation Fee**	$500	$500
							No High School will pay more than $5400 Annual participation fee. If you offer PLTW ENG and PLTW BMS, you can add PLTW CS for no additional Participation Fee.											
Core Training (per seat)	Classroom Teacher Training (16 hours)	$500		App Creators (AC)	$1,200		Principles of Biomedical Science	$2,400		Computer Science Essentials	$2,400		Engineering Essentials	$2,400		Algebra 1 Advantage	$500	
	Lead Teacher Training (16 hours)	$700		Automation and Robotics (AR)	$1,200		Human Body Systems	$2,400		Computer Science Principles	$2,400		Introduction to Engineering Design	$2,400		**Currently FREE for 2024-2025 school year*		
				CS for Innovators and Makers (CSIM)	$1,200		Medical Interventions	$2,400		Cybersecurity	$2,400		Principles of Engineering	$2,400				
				Design and Modeling (DM)	$1,200		Biomedical Innovation	$2,400		Computer Science A	$2,400		Aerospace Engineering	$2,400				
				Energy and the Environment (EE)	$750								Civil Engineering and Architecture	$2,400				
				Flight and Space (FS)	$1,200								Computer Integrated Manufacturing	$2,400				
	or			Green Architecture (GA)	$750		*or*			*or*			Computer Science Principles	$2,400				
				Magic of Electrons (ME)	$750								Digital Electonics	$2,400				
				Medical Detectives (MD)	$1,200								Environmental Sustainability	$2,400				
				Science of Technology (ST)	$750								Engineering Design and Development	$2,400				
or				*or*									*or*					
District Transformation Training (DTT) (up to 30 teachers)	DTT (Launch Classroom Teacher Training)	$9,500		DTT (EE, GA, ME, ST)	$14,000		DTT (PBS, HBS, MI, BI)	*Available upon request*		DTT (CSE, CSP, CSA, Cyber)	$36,000		DTT (EES, IED, POE, AE, CEA, CIM, DE, ES, EDD)	$45,000				
				DTT (AR, DM, CSIM, AC, FS, MD)	$22,500													

Equipment and Supplies	Based on 1 section of 30 students* (K-5)	Year 1	Year 2	Based on 1 section of 20 students*	Year 1	Year 2	Based on 1 section of 20 Ss*	Year 1	Year 2	Based on 1 section of 20 Ss*	Year 1	Year 2	Based on 1 section of 20 students*	Year 1	Year 2	Based on 1 section of 20 students*	Year 1	Year 2
	PreK.1 Living & Nonliving Things *(20 students)*	$415	$209	App Creators	$216	$121	Principles of Biomedical Science	$20,886	$2,947	Computer Science Essentials	$3,796	$121	Engineering Essentials	$8,994	$995	Algebra 1 Advantage	$387	$236
	PreK.2 Floating and Sinking *(20 students)*	$361	$184	Automation and Robotics	$10,510	$248	Human Body Systems	$31,776	$4,003	Computer Science Principles	$2,774	$135	Introduction to Engineering Design	$6,462	$1,336			
	PreK.3 Healthy Habits *(20 students)*	$524	$204	CS for Innovators and Makers	$1,345	$154	Medical Interventions	$29,314	$4,182	Cybersecurity	$1,188	$1,121	Principles of Engineering	$19,141	$914			
	PreK.4 Spatial Sense & Coding *(20 students)*	$615	$98	Design and Modeling	$1,502	$711	Biomedical Innovation	$31,176	$3,240	Computer Science A	$112	$0	Aerospace Engineering	$16,986	$1,773			
	K.1 Structure and Function: Exploring Design	$449	$274	Energy and the Environment	$4,423	$775							Civil Engineering and Architecture	$5,022	$448			
	K.2 Pushes and Pulls	$308	$141	Flight and Space	$2,228	$662							Computer Integrated Manufacturing	$37,584	$566			
	K.3 Structure and Function:Human Body	$619	$315	Green Architecture	$2,548	$508							Computer Science Principles	$2,774	$135			
	K.4 Animals and Algorithms	$180	$81	Magic of Electrons	$4,155	$473							Digital Electonics	$12,726	$692			
	K.5 Sunlight and Weather	$544	$276	Medical Detectives	$1,882	$1,101							Environmental Sustainability	$23,195	$3,797			
	K.6 Living Things: Needs and Impacts	$342	$206	Science of Technology	$4,845	$957							Engineering Design and Development	$5,730	$285			
	1.1 Light and Sound	$467	$165															
	1.2 Light: Observing the Sun, Moon, and Stars	$337	$233															
	1.3 Animal Adaptations	$432	$269															
	1.4 Animated Storytelling	$251	$81															
	1.5 Designs Inspired by Nature	$443	$319															
	2.1 Materials Science: Properties of Matter	$367	$156															
	2.2 Materials Science: Form and Function	$461	$279															
	2.3 The Changing Earth	$465	$112															
	2.4 Grids and Games	$301	$81															
	2.5 Living Things: Diversity of Life	$339	$272															
	3.1 Stability and Motion: Science of Flight	$371	$217															
	3.2 Stability and Motion: Forces and Interactions	$2,127	$81															
	3.3 Variation of Traits	$387	$327															
	3.4 Programming Patterns	$320	$81															
	3.5 Weather: Factors and Hazards	$590	$271															
	3.6 Life Cycles and Survival	$509	$304															
	3.7 Environmental Changes	$398	$81															
	4.3 Input Output: Computer Systems	$81	$81															
	4.4 Input Output: Human Brain	$391	$391															
	4.5 Waves and Properties of Light	$623	$81															
	4.6 Organisms: Structure and Function	$533	$268															
	4.7 Earth: Past, Present, and Future	$498	$279															
	4.8 Human Activity: The Impact on Earth	$305	$81															
	4.9 Energy Exploration	$2,231	$81															
	5.1 Robotics and Automation	$4,481	$81															
	5.2 Robotics and Automation: Challenge	$4,734	$81															
	5.3 Infection: Detection	$240	$162															
	5.4 Infection: Modeling and Simulation	$81	$81															
	5.5 Matter and Its Interactions	$603	$265															
	5.6 Ecosystems: Flow of Matter and Energy	$305	$187															
	5.7 Patterns of the Sun and Stars	$334	$81															
	5.8 Earth's Water and Interconnected Systems	$529	$198															

*Estimates listed for 5.1 and 5.2 assume that a school is implementing one OR the other. If both 5.1 AND 5.2 are being implemented, some materials used in 5.1 can be utilzed in 5.2 which results in a decrease in the listed 5.2 estimate. Our PLTW Implementation Team will be happy to assist with creating a customized investment estimate for your school.

*Equipment and supplies estimates include the following:
Year 1 - Durables + Consumables (including Launch Logs/Gateway Notebooks)
Year 2 - Consumables (including Launch Logs/Gateway Notebooks)

This estimate provides a high-level overview of sample program costs. The actual costs at the school level will vary depending on the courses selected, number of students participating, the materials schools already have on hand, number of teachers trained. Equipment and Supplies estimates assume you have nothing on-hand except a classroom with tables and chairs, so there is room for decreasing by sharing sets across classrooms and taking advantage of items you already have available. Estimates do not include computers/laptops/androids or what is required and necessary for the program based on computer requirements (see links below for more information).

PLTW Software | PLTW Store Equipment and Supplies Resources | Funding and Grant Opportunities