













The Engineering byDesign™ Core Program

The International Technology and Engineering Educators Association's **STEM** Center for Teaching and Learning™ has developed the only standards-based national model for Grades K-12 that delivers technological literacy. The curriculum is built on the constructivist model. Students participating in the program learn concepts and principles in an authentic, problem-based environment.

CORE PROGRAM		 <h3 style="text-align: center;">K-12 Standards-Based Integrative-STEM Model—The CORE</h3>		
		K-2	EbD-TEEMS™/Technology Starters/KITS	
		3-5	EbD-TEEMS™/P*/KITS	
		6	Exploring Technology	 18 weeks
		7	Invention and Innovation	 18 weeks
		8	Technological Systems	 18 weeks
		9	Foundations of Technology	 36 weeks
		10-12	Technology and Society	 36 weeks
		10-12	Technological Design	 36 weeks
		11-12	Advanced Design Applications *	 36 weeks
		11-12	Advanced Technological Applications *	 36 weeks
		11-12	Engineering Design (Capstone)	 36 weeks

* NSF Funded ProBase and P* Projects

