STEM Merit Badges and STEM Venturing Explorations

		Engines (BS)	Whoosh! (BS)	Designed to Crunch (BS)	Boy Scout/ Venturer
	Launch! (V)	Power Up (V)	Hang On! (V)	Numbers Don't	Supernova Awards
	<u>Luunen</u> (+)	10000 op (1)		Lie (V)	All Levels
American Business				✓	
Animal Science					✓
Archeology					\checkmark
Archery	\checkmark		✓		1
Architecture	✓				$\frac{\checkmark}{\checkmark}$
Astronomy Athletics	 ✓				v
Attributes Automotive Maintenance	v	✓			✓
Aviation	✓	✓ ✓	✓		 ✓
Bird Study	•	•	•		√
Canoeing		✓			•
Chemistry		•			✓
Chess				\checkmark	•
Composite Materials			✓	•	\checkmark
Computers				\checkmark	 ✓
Cycling		✓			•
Dentistry		-			✓
Drafting		✓	✓	\checkmark	√
Electricity		· · ·	•	•	 ✓
Electronics			✓		<u> </u>
Energy		✓			 ✓
Engineering		•	✓		 ✓
Entrepreneurship				\checkmark	•
Environmental Science					\checkmark
Farm Mechanics		✓			✓
Fish and Wildlife Management					✓
Forestry					✓
Gardening					✓
Geocaching					✓
Geology					✓
Insect Study					✓
Inventing			✓		√
Mammal Study					√
Medicine					\checkmark
Model Design and Building			✓		
Motor Boating		✓			
Nature					\checkmark
Nuclear Science		✓			✓
Oceanography					\checkmark
Orienteering				✓	
Personal Management				\checkmark	
Plant Science					\checkmark
Pulp and Paper					\checkmark
Radio				\checkmark	\checkmark
Railroading		\checkmark	\checkmark		
Reptile and Amphibian Study					\checkmark
Rifle Shooting	\checkmark		\checkmark		
Robotics	\checkmark		\checkmark		\checkmark
Scuba					\checkmark
Shotgun Shooting	\checkmark		\checkmark		
Small Boat Sailing		\checkmark			
Soil and Water Conservation					\checkmark
Space Exploration	\checkmark	\checkmark			\checkmark
Surveying				✓	\checkmark
Truck Transportation		✓			
Veterinary Medicine					\checkmark
Weather	√			✓	✓
Welding					✓