TeachergGeek activities and documents are aligned with the International Technology & Engineering Educators Association (ITEEA). The trans-disciplinary chart below explores the many subjects TeacherGeek products cover, helping students reach higher cognitive domains in the process.

Visit teachergeek.com for documents + activities

	Air Racer	Bean Sorter	Bridge	Build a Boat	Electromagnetic Crane	Electric Racer	Flag Waver	Gears & Pulleys Tinker Set	Grab Lab	Basic Hydraulic Arm	Hydraulic Claw	Hydroponics	Judo-Bot	Mini Wind Turbine	Mousetrap Vehicle	Projectile Launcher	Rubber Band Racer	Sail Car	Super Spring Scale	Toy Design Workshop	Wiggle Bot	Wind Lift	Wind Pump	Yeast Mobile
Grade K-2																								
Technology Scope																								
1.A									X					X							X	X	X	
1.B	X			X					X		X			X				X		X	X	X	X	
Core Concepts																								
2.A									X		X	X		X								X	X	
2.B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.C	X			X				X	X	X	X		X	X						X	X	X	X	
2.D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cultural, Social, Econ. Tech																								
4.A	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
Technology & Environment																								
5.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Attributes of Design																								
8.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8.B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Engineering Design																								
9.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9.B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Invention & Innovation																								
10.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10.B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Design Process																								
11.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11.B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11.C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tech Products & Systems																								
12.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12.B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Product & System Impacts																								
13.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13.B			X	X								X		X								X	X	
Biotechnologies																								
15.A												X												
15.B												X												
Energy & Power																								
16.A	X				X	X		X		X	X				X		X				X	X	X	X
16.B	X				X	X		X		X	X				X		X				X	X	X	X
Transportation Tech																								
18.A	X			X		X									X		X	X						X
18.B	X			X		X									X		X	X						X
Construction Tech																								
20.B		X	X	X	X		X							X					X	X		X	X	

TeachergGeek activities and documents are aligned with the International Technology & Engineering Educators Association (ITEEA). The trans-disciplinary chart below explores the many subjects TeacherGeek products cover, helping students reach higher cognitive domains in the process.

Visit teachergeek.com for documents + activities

	Air Racer	Bean Sorter	Bridge	Build a Boat	Catch the Bug	Crazy Contraptions	Direct Drive Wind Turbine	Electromagnetic Crane	Electric Racer	Flag Waver	Fluid Power Lab	Geared Wind Turbine	Gears & Pulleys Tinker Set	Grab Lab	Basic Hydraulic Arm	Hydraulic Claw	Hydroponics	Judo-Bot	Mini Wind Turbine	Mousetrap Vehicle	Projectile Launcher	Rubber Band Racer	Sail Car	Sumo-Bot	Super Spring Scale	Toy Design Workshop	Wiggle Bot	Wind Lift	Wind Pump	Yeast Mobile
Grade 3-5																														
Technology Scope																														
1.D								X						X	X	X		X						X		X				
1.E	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Core Concepts																														
2.F						X							X													X				
2.G	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.I	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.K		X	X	X		X	X	X		X	X	X	X	X	X	X	X	X							X			X	X	
2.L	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tech Relationships																														
3.B						X							X													X				
Technology & Environment																														
5.C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.D			X				X					X					X		X									X	X	
Attributes of Design																														
8.C	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8.D	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Engineering Design																														
9.C	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9.D	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9.E	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Invention & Innovation																														
10.C	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10.D	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10.E	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Design Process																														
11.D	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11.E	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11.F	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11.G	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Tech Products & Systems																														
12.D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12.E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12.G	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Product & System Impacts																														
13.C	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13.E	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Biotechnologies																														
15.C																	X													
15.D																	X													
15.E																	X													
Energy & Power																														
16.C	X			X	X		X	X	X		X	X	X		X	X		X	X	X		X	X	X			X	X	X	X
16.D																														
Transportation Tech																														
18.D	X			X					X											X		X	X						X	
18.E	X			X					X											X		X	X						X	

TeachergGeek activities and documents are aligned with the International Technology & Engineering Educators Association (ITEEA). The trans-disciplinary chart below explores the many subjects TeacherGeek products cover, helping students reach higher cognitive domains in the process.

Visit teachergeek.com for documents + activities

	Air Racer	Bean Sorter	Bridge	Build a Boat	Catch the Bug	Crazy Contraptions	Direct Drive Wind Turbine	Electromagnetic Crane	Electric Racer	Flag Waver	Fluid Power Lab	Geared Wind Turbine	Gears & Pulleys Tinker Set	Advanced Hydraulic Arm	Hydraulic Claw	Hydroponics	Judo-Bot	Mini Wind Turbine	Mousetrap Vehicle	Projectile Launcher	Rubber Band Racer	Sail Car	Sumo-Bot	Super Spring Scale	Wind Lift	Wind Pump	Yeast Mobile
Grade 6-8																											
Technology Scope																											
1.F		x	x	x		x	x	x		x	x	x		x	x	x		x	x	x				x	x	x	
1.H	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Core Concepts																											
2.M	x	x		x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x
2.N			x			x	x					x	x				x	x		x			x	x	x	x	
2.O		x			x		x		x	x								x								x	
2.P			x			x	x				x	x	x			x		x								x	
2.R	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2.S			x			x							x				x						x		x		
2.V	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tech Relationships																											
3.D						x							x			x											
Technology & Environment																											
5.E		x					x					x				x		x							x	x	
Attributes of Design																											
8.E	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8.F	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8.G	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Engineering Design																											
9.F	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9.G	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9.H	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Invention & Innovation																											
10.F	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10.G	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10.H	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Design Process																											
11.H	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.I	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.K	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.L	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tech Products & Systems																											
12.H	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12.I	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12.K	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Product & System Impacts																											
13.F		x									x		x					x		x				x			
13.I	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Biotechnologies																											
15.F																x											
15.H																x											
13.I																x											
Energy & Power																											
16.E	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16.F	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
16.G	x	x		x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x
16.H		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x
16.I											x					x		x			x					x	
Transportation Tech																											
18.G	x			x					x								x		x		x	x					x

TeachergGeek activities and documents are aligned with the International Technology & Engineering Educators Association (ITEEA). The trans-disciplinary chart below explores the many subjects TeacherGeek products cover, helping students reach higher cognitive domains in the process.

Visit teachergeek.com for documents + activities

	Air Racer	Bean Sorter	Bridge	Build a Boat	Catch the Bug	Crazy Contraptions	Direct Drive Wind Turbine	Electromagnetic Crane	Electric Racer	Flag Waver	Fluid Power Lab	Geared Wind Turbine	Gears & Pulleys Tinker Set	Advanced Hydraulic Arm	Hydraulic Claw	Hydroponics	Judo-Bot	Mini Wind Turbine	Mousetrap Vehicle	Projectile Launcher	Rubber Band Racer	Sail Car	Sumo-Bot	Super Spring Scale	Wind Lift	Wind Pump	Yeast Mobile
Grade 9-12																											
Technology Scope																											
1.J			x	x	x	x		x	x			x		x	x	x	x		x		x		x		x	x	
1.L	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Core Concepts																											
2.W	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2.X			x				x					x				x		x							x	x	
2.Y		x			x	x	x	x	x	x	x	x	x	x	x	x	x	x		x			x	x	x	x	
2.Z	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x		x	x	x
2.AA	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2.BB	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2.CC	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tech Relationships																											
3.H	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Technology & Environment																											
5.G							x					x				x		x							x	x	
5.J							x					x				x		x							x	x	
5.K							x					x				x		x							x	x	
5.L							x					x				x		x							x	x	
Attributes of Design																											
8.H	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8.I	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8.J	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
8.K	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Engineering Design																											
9.I	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9.J	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9.K	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
9.L	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Invention & Innovation																											
10.I			x	x		x	x	x	x			x	x	x	x	x	x	x			x		x	x	x	x	
10.J	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10.K	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
10.L	x					x		x		x		x	x	x	x	x	x	x			x	x	x		x	x	x
Design Process																											
11.M	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.N	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.O	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.P	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.Q	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
11.R	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tech Products & Systems																											
12.L	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12.M	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12.N	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12.O	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Product & System Impacts																											
13.J	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13.K	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
13.M			x				x					x				x		x							x	x	
Biotechnologies																											
15.L																x											
15.M			x				x					x				x		x							x	x	
15.N																x											
Energy & Power																											
16.J	x			x		x	x	x	x		x	x	x	x	x		x	x	x	x	x			x	x	x	x
16.K	x				x	x	x	x	x		x	x	x	x	x		x	x	x		x	x	x		x	x	x
16.M	x				x		x	x	x		x	x	x					x			x	x			x	x	x

16.N	x	x		x	x		x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x
Transportation Tech																											
18.M	x			x					x										x		x	x					x