



TeacherGeek 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	Breaking Bridges	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	X
2.C	X		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	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	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	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	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	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	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	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	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	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	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	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	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	
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						X	
18.B	X			X		X									X		X	X							X
Construction Tech																									
20.B		X	X	X	X		X							X						X	X		X	X	



TeacherGeek 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	Breaking Bridges	Build a Boat	Catch the Bug	Crazy Contraptions	Direct Drive Wind Turbine	Electromagnetic Crane	Electric Racer	Flag Waver	Fluid Power Lab	Gear Driven 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	
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	X
2.N						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	
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	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			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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	X	X
16.I										X					X		X				X					X		
Transportation Tech																												
18.G	X		X	X					X								X		X		X	X						X



TeacherGeek 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	Breaking Bridges	Build a Boat	Catch the Bug	Crazy Contraptions	Direct Drive Wind Turbine	Electromagnetic Crane	Electric Racer	Flag Waver	Fluid Power Lab	Gear	Gearing Wind Turbine	Gears & Pulleys	Tinker Set	Advanced Hydraulic Arm	Hydraulic Claw	Hydroponics	Judo-Bot	Mini Wind Turbine	Mouse Trap 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	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	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	X	X	
2.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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	X	
10.L	X		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	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	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	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	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	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	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	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	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	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	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	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	X	
13.M							X					X						X		X								X	X	
Biotechnologies																														
15.L																			X											
15.M							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			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	X	X	X	X	X	X	
16.M	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	X	X	X	
Transportation Tech																														
18.M	X			X					X													X		X	X				X	