



TeacherGeek activities and documents are aligned with 2017 Next Generation Science Standards (NGSS). The trans-disciplinary chart below explores the many subjects TeacherGeek products cover, helping students reach higher cognitive domains in the process.

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	Air Racer	Bean Sorter	Build a Boat	Catch the Bug	Crazy Contraptions	Direct Drive Wind Turbine	Electromagnetic Crane	Electric Racer	Flag Waver	Gear	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			
<b>Grade K</b>																																
Motion & Stability																																
K-PS2-1	X		X								X	X	X	X				X	X	X					X	X	X					
K-PS2-2	X		X								X	X	X	X				X	X	X					X	X	X					
Engineering Design																																
K-2-ETS1-1	X	X	X	X							X	X		X			X	X	X						X	X	X					
K-2-ETS1-2	X	X	X	X							X	X		X			X	X	X						X	X	X					
K-2-ETS1-3	X	X	X	X							X	X		X			X	X	X						X	X	X					
<b>Grade 1</b>																																
Waves & Applications																																
1-PS4-1																															X	
Structure, Function																																
1-LS1												X																				
<b>Grade 2</b>																																
Matter & Interactions																																
2-PS1-1																	X					X									X	
2-PS1-3	X		X								X	X	X	X			X	X		X	X	X			X	X					X	
Ecosystems																																
2-LS2-1																X															X	
2-LS2-2																X															X	
Earth's Systems																																
2-ESS2-1																X	X												X	X		
2-ESS2-2																X	X										X	X				
<b>Grade 3</b>																																
Motion & Stability																																
3-PS2-1	X	X		X	X						X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
3-PS2-2	X	X		X	X						X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
3-PS2-3				X			X																									
3-PS2-4							X																									
Engineering Design																																
3-5-ETS1-1	X		X				X				X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
<b>Grade 4</b>																																
Energy																																
4-PS3-1		X		X	X	X	X	X						X			X		X							X				X	X	
4-PS3-3		X		X	X	X	X	X						X			X		X							X				X	X	
Waves & Applications																																
4-PS4-1				X																		X					X					
4-PS4-3				X							X																X					
<b>Grade 5</b>																																
Motion & Stability																																
5-PS2-1	X	X		X	X		X	X	X				X	X	X	X	X		X	X	X	X	X	X				X	X	X		





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	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	Gear	Wind Turbine Gears & Pulleys	Tinker Set	Advanced Hydraulic Arm	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	Wind Lift	Wind Pump	Yeast Mobile	
<b>HS: 9-12</b>																														
Properties of Matter																														
HS-PS1-3				X	X						X							X											X	
HS-PS1-6					X		X	X	X			X																		
Motion & Stability																														
HS-PS2-1	X	X		X	X	X	X	X	X	X		X	X	X	X	X			X		X	X	X	X	X	X	X	X	X	
HS-PS2-2	X	X		X	X	X	X	X	X	X		X	X	X	X	X					X	X	X	X	X	X	X	X	X	
HS-PS2-3	X			X	X	X			X										X		X		X	X	X				X	
HS-PS2-4	X	X	X	X	X	X	X	X	X	X	X				X	X	X		X			X	X		X	X	X	X	X	
HS-PS2-5					X	X		X																						
Energy																														
HS-PS3-1					X		X	X	X		X	X		X	X	X			X	X	X	X			X	X	X	X	X	
HS-PS3-2					X			X	X																					
HS-PS3-3					X			X	X																					
HS-PS3-5								X																						
Waves & Applications																														
HS-PS4-1					X		X	X	X			X																		
HS-PS4-3					X			X	X																					
HS-PS4-4					X			X	X																					
Engineering Design																														
HS-ETS1-1	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
HS-ETS1-2	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HS-ETS1-3	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HS-ETS1-4	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ecosystems																														
HS-LS2-1																			X											
HS-LS2-2																			X											
HS-LS2-3																			X											
HS-LS2-4																			X											
HS-LS2-5																			X											
HS-LS2-6																			X											
HS-LS2-7			X				X					X						X		X								X	X	