LINCOLN PUBLIC SCHOOLS Science Learning Expectations: Grade 5:

	Big Ideas
Technology & Engineering Materials &Tools	 Technology extends our abilities to change and modify the natural world.
Engineering Design	
Engineering Materials & Tools Engineering Design Mass Standard Identify materials used to accomplish a design task based on a specific property, i.e., weight, strength, hardness, and flexibility. Identify and explain the appropriate materials and tools (e.g., hammer, screwdriver, pliers, tape measure, screws, nails, and other mechanical listeners) to construct a given prototype safely. Identify and explain	
the difference between simple and complex machines, e.g., hand can opener that includes multiple gears, wheel, wedge, gear, and lever.	