## 5-PS3 Energy

P<u>S</u>3-1)

	the sun. [Clarification Statement: Examples of models could include e developed using the following elements from the NRC document A Frame Disciplinary Core Ideas	
<ul> <li>Developing and Using Models</li> <li>Modeling in 3–5 builds on K–2 experiences and progresses to building and revising simple models and using models to represent events and design solutions.</li> <li>Use models to describe phenomena. (5-PS3-1)</li> </ul>	<ul> <li>PS3.D: Energy in Chemical Processes and Everyday Life</li> <li>The energy released [from] food was once energy from the sun that was captured by plants in the chemical process that forms plant matter (from air and water). (5-PS3-1)</li> <li>LS1.C: Organization for Matter and Energy Flow in Organisms</li> <li>Food provides animals with the materials they need for body repair and growth and the energy they need to maintain body warmth and for motion. (secondary to 5-PS3-1)</li> </ul>	<ul> <li>Energy and Matter</li> <li>Energy can be transferred in various ways and between objects. (5-PS3-1)</li> </ul>
Connections to other DCIs in fifth grade: N/A		
Articulation of DCIs across grade-levels, K.I.SI.C (5-PS3-	1); 2.LS2.A (5-PS3-1); 4.PS3.A (5-PS3-1); 4.PS3.B (5-PS3-1); 4.PS3.D (	5-PS3-1); MS.PS3.D (5-PS3-1); MS.PS4.B (5-
PS3-1); MS.LS1.C (5-PS3-1); MS.LS2.B (5-PS3-1)		