

Enduring Understandings	Standards Addressed	Essential Questions	Anchor Lessons	Optional Lessons
Simple machines make our lives easier.	T/E 1.3 Compare and contrast the differences between simple and complex machines	How do simple machines make our lives easier? How do simple machines fit together to make complex machines?	<p><b>Lever</b>            Simple Machines 6 book pack - Lever Activity – KWL Chart            Activity – LEGO Drumming Machine            Experiment – Levers</p> <p><b>Wheel &amp; Axle</b>            Simple Machines 6 book pack - Wheel Activity – Puff Mobile            Activity – LEGO Wheels and Axles For Moving Things</p>	<p><b>Lever</b>            What is a Lever?            Parts of a Lever            Different Kinds of Levers            Make a Lever Work!            Other Kinds of Levers            Lifting with Levers</p> <p><b>Wheel &amp; Axle</b>            Making Wheels            What Is a Wheel and Axle?            Where are Wheels and Axles?</p>
Connections between ordinary objects (simple and complex machines) and the physical world (properties of objects, energy, etc.) assist in generalizations about the physical world.	PS 1 Identify the properties of objects and materials	How do ordinary objects and materials help us to understand how our world works?	<p><b>Pulley</b>            Simple Machines 6 book pack – Pulley Activity – Build a Fixed Pulley            Activity – build a Moveable Pulley</p>	<p><b>Pulley</b>            Pulley Partners            How Does a Pulley Work?</p>
Simple and complex machines play a key role in understanding our physical world.	PS 1 Identify the properties of objects and materials	How do tools play a key role in the study of the physical world?	<p><b>Inclined Plane</b>            Simple Machines 6 book pack – Inclined Plane Experiment – Inclined Plane            Activity - Lifting a Load</p> <p><b>Wedge</b>            Simple Machines 6 book pack - Wedge Activity – Make a Wedge            Activity – Experiment with a Wedge</p> <p><b>Screw</b>            Simple Machines 6 book pack – Screw Activity – What is a Screw?</p>	<p><b>Inclined Plane</b>            What Is an Inclined Plane?            Slip Sliding Away!</p> <p><b>Wedge</b>            What is a Wedge?            The Wedge at Work            Finding Wedges            Make a Doorstop</p> <p><b>Screw</b>            What is a Screw?            Different Kinds of Screws            What’s the Difference?            Are These Really Screws?</p>