

# LiteraSci – Simple Machines

## Overview

Week	Science Activities	Books to Read	Literacy Highlights	Math Highlights
1	Can You Move Me? Without Wheels See-Saw Up the Ramp Pulling Pulleys	<i>Mama Zooms</i> by Jane Cowen-Fletcher <i>What Do Wheels Do All Day?</i> by April Jones Prince <i>Just a Little Bit</i> by Ann Tompert <i>Simple Machines</i> by Allen Fowler <i>What is a Pulley?</i> by Lloyd Douglas	Introduce letters <b>W/w, P/p, I/i, L/l</b> Identify words versus letters Identify rhyming words in a song or poem Introduce using a table of contents and page numbers	Add one more to a set of objects and find the new total Count and compare objects in a set Make a simple pattern
2	Vehicles Use Wheels Using a Pan Balance Tools Launch Pad Painting with Pulleys	<i>If I Built a Car</i> by Chris Van Dusen <i>How Do You Lift a Lion?</i> by Robert Wells <i>Tools</i> by Taro Miura <i>Balancing Act</i> by Ellen Stoll Walsh <i>Pull, Lift, Lower: A Book About Pulleys</i> by Michael Dahl	Introduce letters <b>V/v, B/b, T/t, L/l, H/h</b> Use labels for diagrams Further understanding of the use of a Table of Contents and page numbers	Compare number of objects in two sets Use a pan balance to compare weights of objects Compare the size of objects
3	Tools for Building Woodworking Tools in the Kitchen Gears What Can You Build?	<i>Old MacDonald Had a Woodshop</i> by Lisa Shulman <i>This is the House that Jack Built</i> by Simms Taback <i>Tools</i> by Ann Morris <i>Duck on a Bike</i> by David Shannon <i>Wendel's Workshop</i> by Chris Riddell	Introduce letters <b>T/t, W/w, K/k, V/v, G/g</b> Use beginning sounds to help identify words Retell a story that was read Identify rhyming words in a song or poem	Compare numbers of objects in different sets Sort by certain characteristics Measure distance Use cardinal numbers
4	Cars and Trucks on the Street Race Course Bicycle Rally Balancing Act Bubble Race	<i>Cars and Trucks</i> from Scholastic First Discovery <i>The Wheels on the Race Car</i> by Alexander Zane <i>Duck on a Bike</i> by David Shannon <i>Balancing Act</i> by Ellen Stoll Walsh <i>Benny's Big Bubble</i> by Jane O'Conner	Introduce letters <b>R/r, C/c, T/t, B/b</b> Make a book together Write a group story Make street signs Identify rhyming words in a song or poem	Sort objects by certain characteristics Count to 20 to time an event Make simple patterns