

# Rockets:

## Applicable State Standards

(2016 Montana Science Standards)

<p><b>Lessons:</b> Investigating Air Pressure</p> <p>Rockets: Stomping Down!</p> <p>Rocket Launching Lesson (3-2-1 Pop!)</p>	<p><b>Standards:</b></p> <p><b>K:</b> plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object</p> <p><b>K:</b> analyze data to determine whether a design solution works as intended to change the speed or direction of an object with a push or a pull</p> <p><b>Third Grade:</b> plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object</p>
<p><b>Lesson:</b> What is a Rocket?</p>	<p><b>K:</b> analyze data to determine whether a design solution works as intended to change the speed or direction of an object with a push or a pull</p> <p><b>Second Grade:</b> conduct an investigation and analyze data to determine which materials have the properties best suited for an intended purpose</p>
<p><b>Lesson:</b> Rocket Cars (Rockets: Taking Off!)</p>	<p><b>K:</b> plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object</p> <p><b>Third Grade:</b> observe and record qualitative and quantitative data about an object's motion to provide evidence that a pattern can be used to predict future motion</p>

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