

30 minute lesson plan

Essential question	<b>What is the most important feature of a vehicle to keep passengers safe?</b>
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Category	Content
Introduction	Greet class, introduce myself, talk about EQ and my first answer.
Verification	Ask class to talk about brakes, how they work, and what types of brakes there are. Then define the different types of brakes, as well as begin to introduce new brake technology.
Body	<p>Literal: Introduce brake functions and talk about what makes one type of brake superior to the other. Talk about why certain brakes were used, and why the current brakes are used as much as they are. Introduce new technological developments in the future.</p> <p>Interpretive: Why my answer works, not just what makes brakes important, but ever growing technology important as well.</p> <p>Applied: Explain that an understanding of technology is important, especially when it's integrated into life. Go on to explain that you need to know what tools you have at your disposal, and when you put your life on the line you should know what you're trusting with your safety.</p>
Visuals	A power point will be used to aid in my presentation. I'll be showing pictures and diagrams to aid in understanding of all the parts I'm describing. Attire will be work attire.
Activity	The activity will consist of me passing out several folders, one per table, to the groups

	<p>in the class. Inside the folders will be pictures of a specific set of brakes. The group will write on a piece of paper details that caught their eye in the pictures, as well as give it a “safety rating”. Then the folders will be passed to the next group, and repeated until everyone has had a chance to see each folder. Then I’ll go over important details in the folders, and give my own “rating” for the brakes.</p>
<p>Three important sources</p>	<ol style="list-style-type: none"> <li>1. <a href="http://www.monash.edu.au/miri/research/reports/other/racv-abs-braking-system-effectiveness.pdf">http://www.monash.edu.au/miri/research/reports/other/racv-abs-braking-system-effectiveness.pdf</a></li> <li>2. <a href="http://www.stoptech.com/technical-support/technical-white-papers/-warped-brake-disc-and-other-myths">http://www.stoptech.com/technical-support/technical-white-papers/-warped-brake-disc-and-other-myths</a></li> <li>3. An interview with my Mentor on brake specifics.</li> </ol>
<p>Conclusion</p>	<p>After discussing my important source, give statistical information about traffic problems faced in the US. Try to leave on the high note that you should be careful with your life and those around you, and take care of your vehicle.</p>