

## Lab sheet: Viscosity and flow rate

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Materials needed	
Hypothesis – what do you think will happen?	<p>Rank the substances in order of which you think will flow the fastest to which you think will flow the slowest: ketchup, syrup, mustard, honey.</p> <p>Fastest</p> <p>↑</p> <p>↓</p> <p>Slowest</p>
Procedure	

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<p>Observations</p> <p>*Remember observations can be recorded with pictures, numbers and/or words!</p>	<p>What happened when the plate was tipped initially?</p> <p>Which liquids moved faster?</p> <p>What happened when the plate was tapped with a spoon?</p>
<p>Conclusions</p>	

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<p>Questions</p>	<p>Which substance had the highest flow rate? Lowest?</p> <p>Was your hypothesis correct?</p> <p>What factors do you think affected the flow rate of each liquid? Think back to the factors you explored in the previous section of this learning activity.</p> <p>Can you connect your knowledge of flow rates to an industry, such as construction or the food industry?</p>
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