

MAKER JOURNAL

Name: _____

Date: _____

Project/Unit: Design a Weather Instrument

Lesson: Design Challenge, Ideate

Barometer

How it works	Barometers measure subtle atmospheric pressure changes caused by weather. Your barometer will need a sealed container with air (and maybe liquid) inside. As the air pressure outside the sealed container changes, either the liquid level in a narrow connect spout will change, or a flexible top on your sealed container will flex inwards or outwards.
Criteria & Constraints	Change in liquid level, flex in sealed top when increase/decrease in air pressure. Method for marking change (lines on vertical tube to show where liquid rises)
Material Suggestions	Very thin pipette (1mL) Sealable container



<i>Draw your barometer design:</i>	<i>What materials will you need?</i>
<div style="border: 1px solid black; height: 200px; width: 100%;"></div>	<i>How will you measure changes?</i>
	<div style="border: 1px solid black; height: 100px; width: 100%;"></div>

