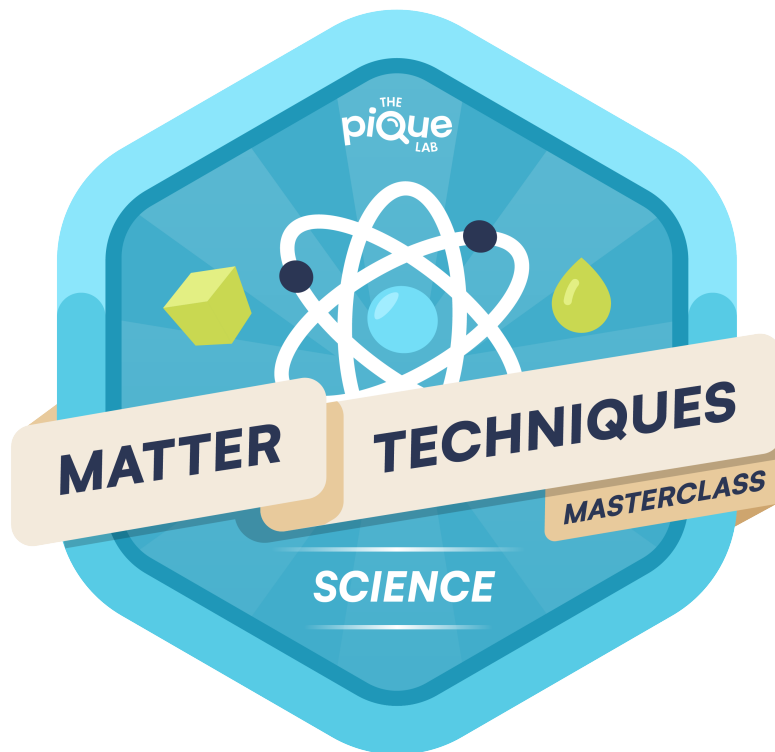




THE PIQUE LAB LEARNING CENTRE

Primary School Science Programme



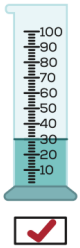
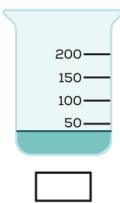
MATTER TECHNIQUES MASTERCLASS

Answers to Colour Notes


Name: _____

Class: _____

MATTER TECHNIQUES MASTERCLASS

Qn	Answer
<p>FINDING VOLUME</p>	<p>D Which instrument is more accurate for measuring 30 ml of water? Why?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <p>ANSWER</p> <p>It has more markings (smaller intervals).</p> <p>Part D: Tick the box on the left</p> <p>Page 2 of Colour Notes</p>
<p>EXPERIMENT 8</p>	<p><u>Adding solid/liquid</u> Volume of air: <u>200</u> cm³ Volume of water: <u>300</u> cm³</p> <p><u>Removing solid/liquid</u> Volume of air: <u>400</u> cm³ Volume of water: <u>100</u> cm³</p> <p><u>Adding gas</u> Volume of air: <u>300</u> cm³ Volume of water: <u>200</u> cm³</p> <p><u>Removing gas</u> Volume of air: <u>300</u> cm³ Volume of water: <u>200</u> cm³</p> <p>Page 10 of Colour Notes</p>

EXPERIMENT 9Given Melting and Boiling Points

 Do your working S L G

Substance	Melting Point (°C)		Boiling Point (°C)	
A	30 °C	50	110 °C	120
B		20	30 °C	100
C	30 °C	60	110 °C	200

Q1: Tick "Substance A" and "Substance C"

Q2: Tick "Substance A" and "Substance C"

Q3: Tick "Substance A" and "Substance B"

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EXPERIMENT 9Given States of Matter

Substance	State of Substance						
	At 10 °C	At 50 °C	At 90 °C	At 10 °C	At 50 °C	At 90 °C	
A	<input type="checkbox"/>	Solid	<input type="checkbox"/>	Solid	MP	Liquid	BP
B	MP	Liquid	BP	Gas	<input type="checkbox"/>	Gas	<input type="checkbox"/>
C	<input type="checkbox"/>	Solid	MP	Liquid	BP	Gas	<input type="checkbox"/>

Q4: Circle "W"

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