

Investigating Science

Summary Checklist

Complete the following questions from your Pearson ebook for Revision

Subtopic	Theory/ Chapter	Review Questions	Interactive Activities
<u>Science and the Laboratory</u> <ul style="list-style-type: none"> • Safety Rules • Lab equipment • Bunsen Burner → Parts of the BB → Steps → Safety/Heating flame 	Chapter 1.1 pg 2-8	<u>1.1 Review Questions</u> (page 10) Q3,5,6,7,11,12,14,20	<u>IntoScience</u> <ul style="list-style-type: none"> • Lab rules and safety precautions • Equipment and apparatus
<u>Practical Investigations</u> <ul style="list-style-type: none"> • Observations → Qualitative → Quantitative • Measurements 	Chapter 1.2 pg 14-17	<u>1.2 Review Questions</u> (page 19) Q4,5,7,8,10,13,15	<u>Pearson eBook</u> Measuring volumes from liquids
<u>Communicating</u> <ul style="list-style-type: none"> • Graphs • Scientific Reports 	Chapter 1.3 pg 23-26	<u>1.3 Review Questions</u> (page 27) Q1,2,6,7,8,9,10,11	<u>IntoScience</u> Order of the scientific method
<u>Planning your own Investigation</u> <ul style="list-style-type: none"> • Variables → Independent → Dependent → Controlled 	Chapter 1.4 pg 31-33	<u>1.4 Review Questions</u> (page 35) Q1,2,5,6,12,13	<u>IntoScience</u> The basketball experiment
<u>Chapter Review</u>	(page 37) Q1,2,5,6,8,9,12,13,15		
<u>Thinking Scientifically</u>	(page 39) Q1,2,3,4,5,6		
<u>Glossary</u>	(page 40)		

