

Change detectives

Science journal/work sample tag

Student	Stage	Key Learning Area	Date
		Science	

Level 3 unit outcomes	Beginning	Developing	Achieving
C Explain that changes of state involve physical changes.			
C Explain that physical changes do not produce new substances.			
C Explain that chemical changes produce new substances and consume the original substances.			
C Identify physical and chemical changes.			
C Identify reversible and irreversible changes.			
i Formulate a question for investigation and make a prediction.			
i Plan investigations showing an awareness of the need for fair testing.			
i Record results as a table and plot results as a column graph.			
i Make and record observations, and identify patterns in results.			

c: conceptual outcomes **i:** investigating outcomes
PrimaryConnections Draft Assessment Resources

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Student	Stage	Key Learning Area	Date
		Science	

Level 4 unit outcomes	Beginning	Developing	Achieving
C Explain that physical changes involve changes in the movement and spacing of particles of a substance.			
C Explain that substances produced by chemical changes have different properties from those used in the reaction.			
C Explain the importance of classification for identifying differences and similarities between things.			
i Plan investigations involving a control, and repeat trials or replicates.			
i Plot results from an investigation as a line graph.			
i Analyse and explain patterns in results from an investigation.			
i Make suggestions for improving the investigation.			

c: conceptual outcomes **i:** investigating outcomes
PrimaryConnections Draft Assessment Resources