

High Tunstall College of Science Curriculum Intent

Subject: Chemistry Year: 8

Thread 5—Organic chemistry and chemical detection



	Chemistry Thread 5	Progress		
Topic	Key ideas	R	A	G
Organic chemistry and chemical detection	I can explain what is meant by a pure substance			
	I can compare pure substances and formulations			
	I can explain how to test for the presence of different gases			
	I can explain how we identify ions			

Lesson	Learning Focus	Assessment	Key Words
1	What is a pure substance?	Completion of tasks to investigate pure substances	Atom, element, compound, mixture, pure
2	How are pure substances and formulations different?	Data analysis task to identify pure substances and formulations	Pure, formulation , composition
3	How do we test for gases?	Conclusions made from practical work	Gas test,, hydrogen lime water, carbon dioxide
4	How do we identify unknown substances?	Problem solving tasks	Flame test