## Physical and Chemical Properties of Elements – Observation activity [Science 9]

Name of material	Chemical Symbol	Atomic number	State (at room temp) (solid/liquid/gas)	Colour	Ductile, malleable, brittle?	Lustre?	Conductivity (teacher demonstration)	Reaction with acid (teacher demonstration)	Other observations
Aluminum									
Antimony									
Argon									
Bismuth									
Cadmium									
Calcium									
Carbon									
Chromium									
Cobalt									
Copper									

Name of material	Chemical Symbol	Atomic number	State (at room temp) (solid/liquid/gas)	Colour	Ductile, malleable, brittle?	Lustre?	Conductivity (teacher demonstration)	Reaction with acid (teacher demonstration)	Other observations
Fluorine			(30114) 114014/ 503/						
Helium									
Hydrogen									
Iron									
Krypton									
Lead									
Magnesium									
Neon									
Nickel									
Oxygen									

Name of	Chemical	Atomic	State (at room	Colour		Lustre?	Conductivity	Reaction with	Other
material	Symbol	number	temp) (solid/liquid/gas)		malleable, brittle?		(teacher demonstration)	acid (teacher demonstration)	observations
Dhocphorous			(soliu/iiquiu/gas)		DITUE!		uemonstration)	uemonstration)	
Phosphorous									
Platinum									
Potassium									
Radon									
Selenium									
Selenium									
Silicon									
Sodium									
Sulphur (Sulfur)									
(Sullui)									
Tin									
Xenon									