



## COMPETITION TIME!

A bit of fun for your students!

C						
H						
E						
M						
I						
C						
A						
L						

C..... sulphate crystals are blue

A colourless, odourless, non-toxic gas

A substance made up from only one type of atom

This metal is a silver liquid at room temperature

Turns black when starch is present

What diamonds are made from

Third most abundant gas in the Earth's atmosphere

An alkali metal which burns with a red flame

P							
A							
T							
T							
E							
R							
N							
S							

The nucleus of an atom contains neutrons and p.....

A compound that has a pH of less than 7.0

This non-reactive metal is used to create medical devices

T..... has the highest melting point of all metals

A particle that has a negative charge

The reddish brown oxide of iron

Makes up 78% of the air we breathe

Ag is the chemical symbol for this element

**When you have filled out all the answers the shaded squares will contain letters, which, when arranged in the correct order, spell out a compound on which our new logo is based.**

**What is it?**