



Chemistry

at Ashton Sixth Form College

We have a **YouTube** channel!

Over 330,000 views

Over 4000+ subscribers



Scan this QR code to be taken to the ASFC Chemistry YouTube channel.

Scan this QR code to be taken to the full AS (year 1) chemistry playlist



Please read carefully ...

"Welcome to our chemistry department!"

- You will be given a **set of notes** (*made by us for you*) for each topic we cover.
- The **question booklets** and **homeworks** are all on Canvas for you to print as we go along.
- The Twitter/YouTube channel is **ASFC CHEMISTRY** and the QR codes above take you there.
- *All the videos we make are named by the specification reference they are for.*
- There will a test after each topic in addition to your mock exams.

Please complete the task below before your first lesson ...

Task: Common formula of molecules and ions

- **The table overleaf** must be filled in with the correct formula for the molecule or ions stated. We recommend you use the internet to research these easily or perhaps even use a text book if you already have access to one.
- Ions have charges (positive or negative)
- Molecules (including gases, acids etc) and metals are neutral (no charge)
- Part of your induction will involve a test and this table will feature in that test.
- The test will not be in the first lesson so don't panic!! It will be after the first couple of weeks.

We will be reviewing this material in the first few lessons and you must make sure you have attempted this sheet ahead of the lesson. Please bring a scientific calculator.

Rob and Helen

Sodium metal		Fluorine (molecule)	
Sodium ion		Fluoride ion	
Magnesium metal		Chlorine (molecule)	
Magnesium ion		Chloride ion	
Hydrogen ion		Hydroxide ion	
Hydride ion		Sulfate ion	
Aluminium metal		Carbonate ion	
Aluminium ion		Phosphate ion	
Iron (II) ion		Chlorate (I) ion	
Zinc (II) ion		Nitrate ion	
Silver ion		Hydrochloric acid	
Carbon solid		Sulfuric acid	
Helium gas		Phosphoric acid	
Hydrogen gas		Nitric acid	
Nitrogen gas		Sodium hydroxide	
Nitride ion		Potassium hydroxide	
Oxide ion		Barium hydroxide	
Sulfide ion		Calcium carbonate	