

## Subject: Triple Chemistry (Edexcel)



City of Norwich School  
An Ormiston Academy | *Excellence in all*

Teacher responsible for the subject: Mrs Dawson

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### This course covers:

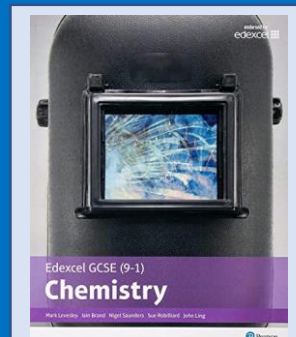
#### YEAR 10:

1. Separating and purifying
2. Key concepts
3. Ionic substances
4. Covalent substances
5. Metals: bonding, extraction, and reactions
6. Periodic table
7. Fuels and Earth Science
8. Atmospheric science
9. Carbon Chemistry
10. Bulk and nanomaterials
11. Making salts

#### YEAR 11:

1. Equilibria
2. Electrolysis
3. Rate of reaction and energy changes
4. Testing for ions
5. Further organic chemistry

### Core Textbook:



Edexcel GCSE (9-1)  
Chemistry (Pearson)  
ISBN; 978-1292120218

### Our recommended Revision Resources:

Seneca learning  
Carousel learning

Revise Edexcel GCSE (9-1)  
revision guide  
Higher ISBN; 978-  
1292131924  
Foundation ISBN; 978-  
1292131894

Revise Edexcel GCSE (9-1)  
workbook  
Higher ISBN; 978-  
1292131948  
Foundation ISBN 978-  
1292131931

### The teachers say: "We love teaching this course because:

"We like giving students an understanding of the chemical sciences and love sharing our passion for our subject. The course is varied and shows the ways that chemists have changed the world, improved our lives and how we help solve some of societies biggest issues."

### The students say: "We enjoy this course because:

"Chemistry is fun and exciting."

"The teachers put hard work into the lessons to help make chemistry easier"

"Chemistry is engaging and enjoyable."

"The teachers are inspiring."

### What future pathways might be open to me if I study chemistry?

- A-levels including biology, chemistry, environmental science, physics
- T levels including agriculture environmental & animal care, construction, engineering & manufacturing, engineering & manufacturing, health & science,
- Applied general qualification in science level 3
- BTEC's including applied science, medicine and dentistry, engineering and manufacturing

**Careers:** Chemical engineering, food science, forensics, medicine, dentistry, environmental chemist, analytical chemist, pharmacy, geochemist, hazard waste scientist.

