

Supporting Learners in the Senior Phase

October 2018



National 5 Chemistry

Teachers

Mrs McDowell

Miss Bonnar

Miss Hay

Mrs Johnson



Classroom Experience

5 school periods pw

3 units, 11 topics

Why are Distress
Flares Red?

Learning Outcomes

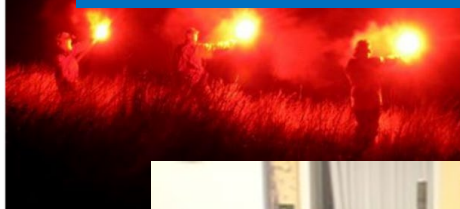
By the end of this unit you should know the following:

Lesson	Learning Outcomes
1	<ol style="list-style-type: none"> There are over 100 elements which are arranged in the periodic table in groups and periods Groups are vertical columns of elements with similar chemical properties Periods are horizontal rows of elements Elements are the simplest substances and they contain only 1 type of atom

NOTES
Complete the following table:

Element	Atomic Number	Number of Protons	Number of electrons	Electron Arrangement
carbon				
hydrogen				

Workbooks with Learning Outcomes at the beginning...pupils should traffic light these.



3	12. Each element has its own unique symbol
4-5	<ol style="list-style-type: none"> Atoms are the building blocks of all substances Atoms consist of a tiny nucleus containing protons and neutrons, surrounded by fast moving electrons Protons have a mass of 1 amu and a positive charge, neutrons have a mass of 1 amu and no charge, electrons have no mass and a negative charge Electrons are arranged in specific energy levels around the nucleus The 1st energy level contains a maximum of 2 electrons. Other layers can hold 8 electrons

DISCUSS

After discussion with your teacher and others make sure you can use your databook to work out the electron arrangement of elements.

NOTES

Draw diagrams of atoms of the following elements showing the charge in the nucleus and the electron arrangement:

Helium

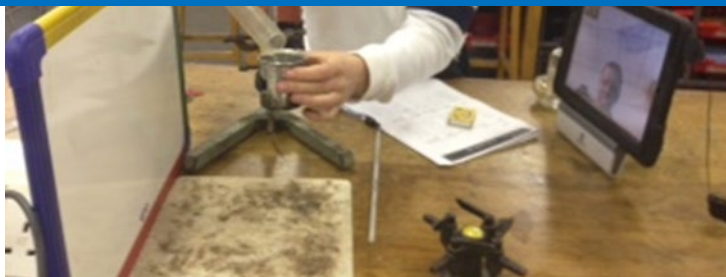
Chlorine

Calcium



Unit 1b.

Experiments and collaborative learning activities





National 5 Chemistry External Assessment

EXAM 10th May 2019

100 marks
(2.5 hours)



Section 1

Multiple Choice

Section 2

Written paper

Assignment

(20)

Scaled to be 20%
of mark overall

[SQA Course](#) Specification and past exam papers

[Extra Past Papers](#) saved by Kelso high School

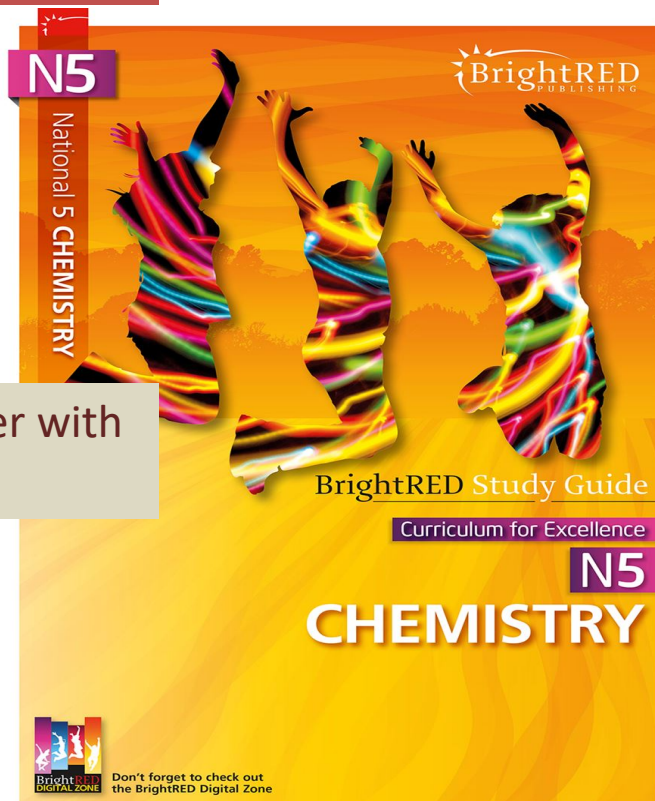
Additional Resources

BrightRED Study Guide

BrightRED Digital Zone

Could you encourage your young person to register with the Digital Zone?

[Register](#)



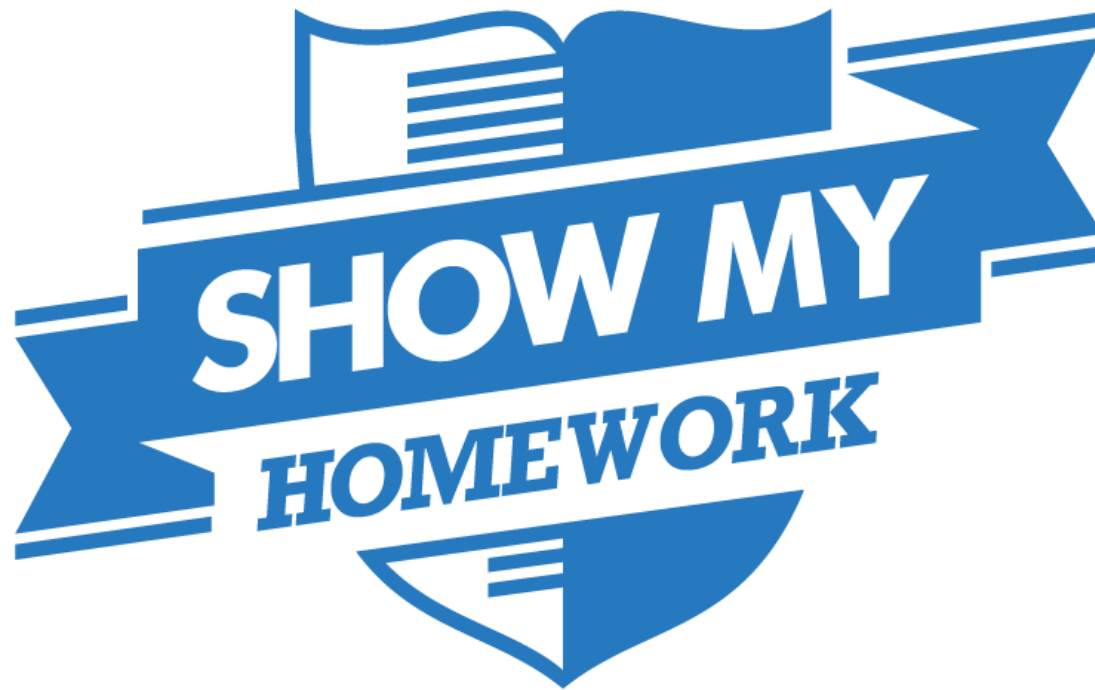
Evans² CHEM WEB

<http://www.evans2chemweb.co.uk>

Username: peebles

Password: argon

Home Learning



[Log in](#)

Has your young person logged into their account
yet?

Have you????

Tracking & Monitoring



Oct 2018
Dec. 2018
Feb. 2019

**Parents Consultation
Evening**
Mon 5th November 2018



Study Support

Mrs McDowell/Mrs
Johnson

After School 4-5pm

Tuesday or Thursdays

Mrs Dewis/Miss Hay

Monday or Thursday

lunchtime from 1.30-2pm



**KEEP
CALM
AND COME TO
STUDY
SUPPORT**

Supporting your young person

Encourage them to
study/work little and
often

Study actively by
changing how and
what they study
often



Balance their time

STUDY SKILLS BASICS

1. Manage your time
2. Take breaks
3. Exercise
4. Sleep
5. Prioritise
6. Clear your schedule
7. Ask for help
8. Relax





Keeping in touch

GLOW email

gw15mcdowellsarah@glow.sch.uk

lesley.johnson@glow.sch.uk

gw18haycharlotte@glow.sch.uk

gw18bonnarkerry@glow.sch.uk

Developing the Young Workforce

Do you work in the Science Sector?

Would a pupil or a member of staff benefit from a work placement at your place of work?

Can you help us?

Do you have knowledge or experience of the world of work that you would be willing to share with our learners?

