

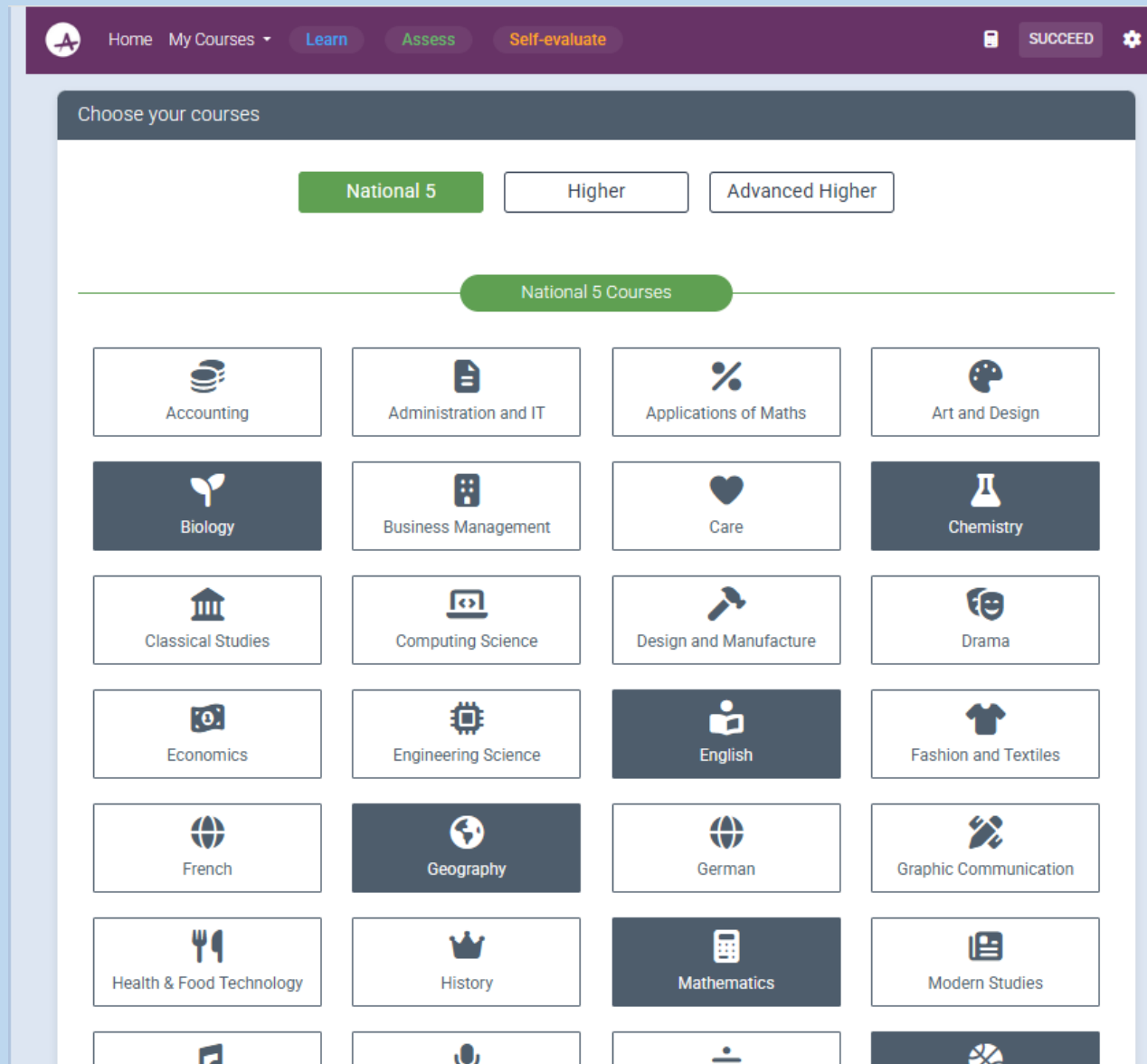
Achieve

Pupil revision resource

Who it is aimed for?

- Subjects covered at National 5 and Higher
- Some courses covered at level 5 NPA eg. Travel & tourism & photography
- Some Advanced Higher subjects
- Some subjects may start to use this in S3 when covering level 5 material.

www.achieve.hashtag-learning.co.uk



Once logged on, pupils can choose their level and courses.

Teacher made classes will have a class code that will be shared so pupils can access work set by teachers

Chemical changes and
structure

Nature's chemistry

Chemistry in society

Assignment

Rates of reaction

Describe how the progress of a chemical reaction can be measured



Interpret and compare a rate graph



Describe ways of increasing the rate of a reaction



Describe the term catalyst



Calculate the average rate of a chemical reaction



Atomic structure and bonding related to properties of materials

Describe how elements are arranged in the Periodic Table



Describe the similarities of elements in the same group on the Periodic Table



Use the Periodic Table to determine an element's properties



Draw the electron arrangements of the first 20 elements



Describe the properties of a proton



Describe the properties of an electron



Describe the properties of a neutron



Learn Resources

Each subject is split into the key areas of the unit, so pupils can choose specific areas to study.

Learn Resources

Describe how elements are arranged in the Periodic Table

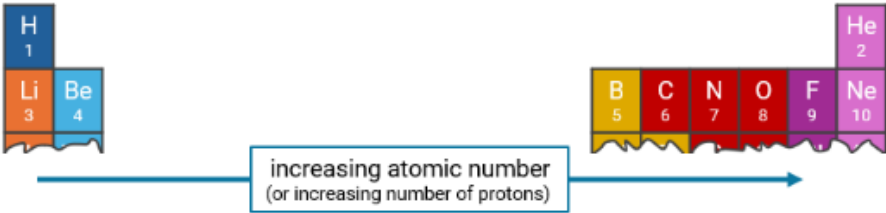


Each tab within this gives options for support

 definition

Periodic table order

Elements in the Periodic Table are arranged by increasing atomic number (or increasing number of protons).



Close

 links

Further learning links: Measuring chemical reactions

BBC Bitesize

[Monitoring the rate of a reaction](#)

YouTube

[Rates of reactions](#)

YouTube

[Rates of Reaction Whole Topic Review](#)

Close

Learn Resources

Describe how elements are arranged in the Periodic Table



Each tab within this gives options for support

questions

National 5 Chemistry

Describe how elements are arranged in the Periodic Table

1. Describe how elements are arranged on the periodic table.



By increasing atomic number.

[Back to Learn](#)

past paper questions

Past paper questions: Periodic table order

2024 Section 2 (Extended Questions)

[Question 5](#)

[Solution](#)

2023 Section 2 (Extended Questions)

[Question 3\(a\)](#)

[Solution](#)

2016 Question paper

[Question 7](#)

[Solution](#)

Close

Assess Resources

Assessment Dashboard

 National 5 Chemistry

Assess Yourself

Take a Topic Assessment

Take a Unit Assessment

Take a Course Assessment

National 5 Chemistry Tests
No tests available for the current course.

Tests for other courses
No tests available for other courses.

Strengths
No strengths to display.

Areas for Development
No areas for development to display.

National 5 Chemistry

No questions answered

0 / 0


Streak: 0


Badges: 0

This gives the opportunity to choose tests on topics or units. Strengths and areas for improvement can then be identified for next steps.

Self-evaluate resources

Self-evaluation dashboard

 National 5 Chemistry

Self-evaluate 

Unit Summary

Chemical changes and structure	
Nature's chemistry	
Chemistry in society	
Assignment	

Topic rating summary >>

Self-evaluated concepts

Red 7 / 138 concepts View red concepts 	Amber 9/138 concepts View amber concepts 	Green 14/138 concepts View green concepts 
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Pupils can self-evaluate their knowledge of the topics to determine areas of development in their revision.

These can then be provided in a list to revisit.

Self-evaluate resources

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Self-evaluation: red concepts

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 National 5 Chemistry

Chemical changes and structure

Interpret and compare a rate graph

Write nuclide notation for atoms and ions

State the definition of an atom's relative atomic mass

Describe a covalent bond

State and predict the different shapes of covalent molecules

Describe how ions form

Write ion-electron equations

15 Apr 2026

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This list can then be printed out and re-evaluated after working on it.