

# S4,5,6

## How to Pass your Qualifications



**SUCCESS IN LEARNING FOR ALL**

# Welcome

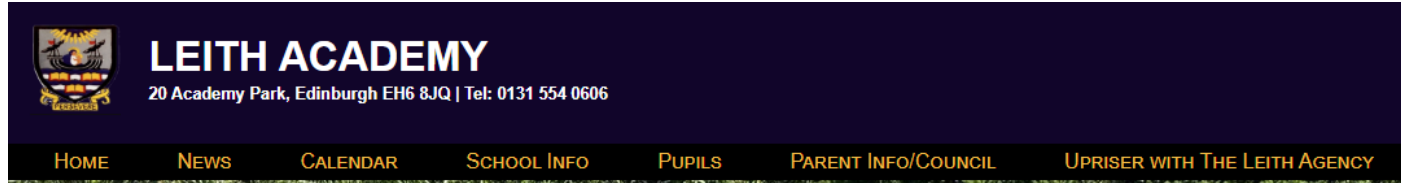


- Thank you for coming along.

## Learning Intention:

- To help you support your child through their National Qualifications
- To allow us to work together as a School and Home / Family
- To help develop your understanding of the Scottish system (SQA)

# Keep updated



## Recent News

[View all](#)

### Head's News 19 Sept 2025

Published on: 19 September 2025

Some key updates for Families; Uniform – our uniform is designed to be simple for Families to follow, please ensure our pupils arrive at School in Leith uniform ready to learn with bags packed and ipads charged; To order a hoodie you can visit here <https://www.logoxpres-schoolwear.co.uk/Leith-Academy/Leith-Academy-Hoodie-Black/> Parents then simply register with basic details and enter [...]

[Continue Reading →](#)

Posted by: Michael Irving | In: [News](#)

### Head's News 12 Sept 2025

Published on: 12 September 2025

As we reach the September long weekend here are some updates for Families from the last week at Leith Academy; Mentors in Violence Prevention, MVP – We held two great training sessions (see pic) on this important work, led by Mrs Simpson, Ms Allan et al. See update below; The MVP training days went well [...]

[Continue Reading →](#)

Posted by: Michael Irving | In: [News](#)

# <https://leithacademy.uk>



# Our Values....Day in day out



- LGBT+
- Equalities and Inclusion
- Sustainability
- Health & Wellbeing
- Restorative
- Curriculum Pathways
- Key Adult

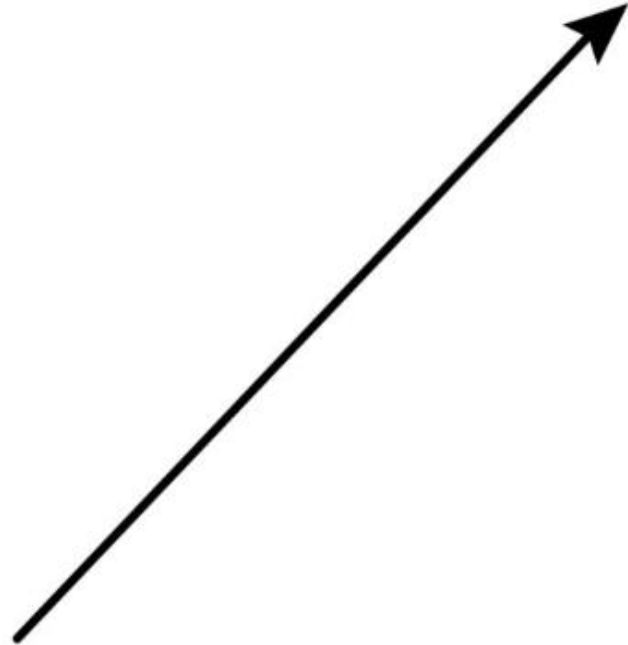
- Sticking with it
- Resilience
- Growth mindset

**SUCCESS IN LEARNING FOR ALL**

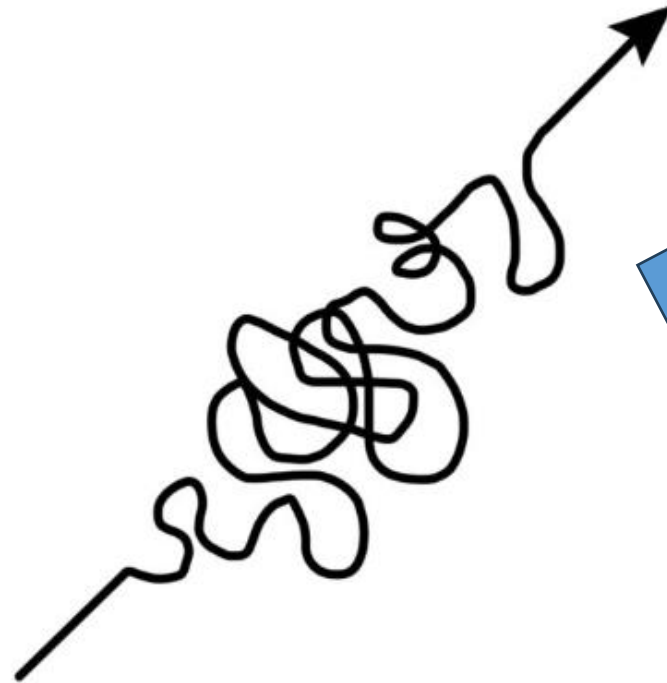
SQA  
Positive Destinations  
Wider Achievement

SUCCESS

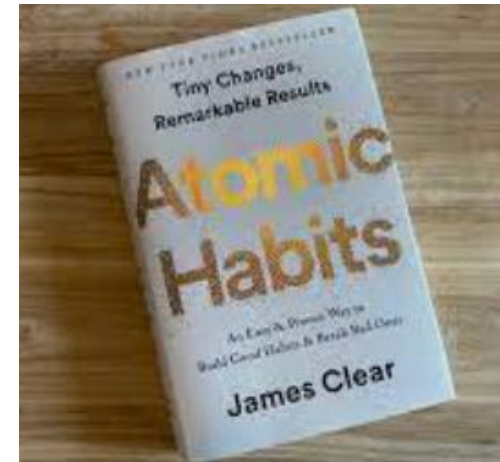
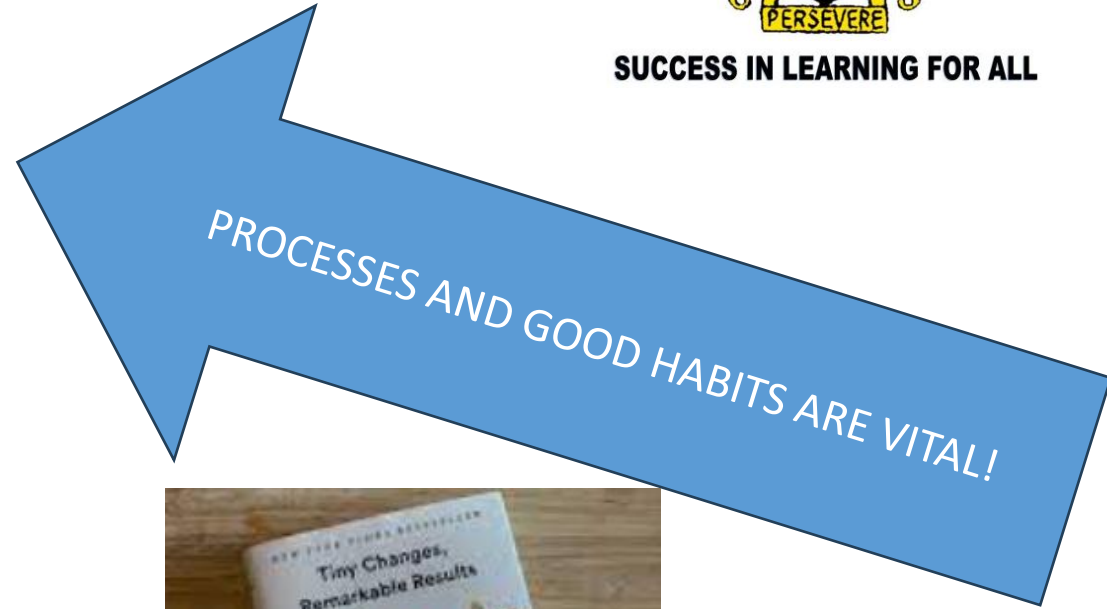
SUCCESS



what people think  
it looks like



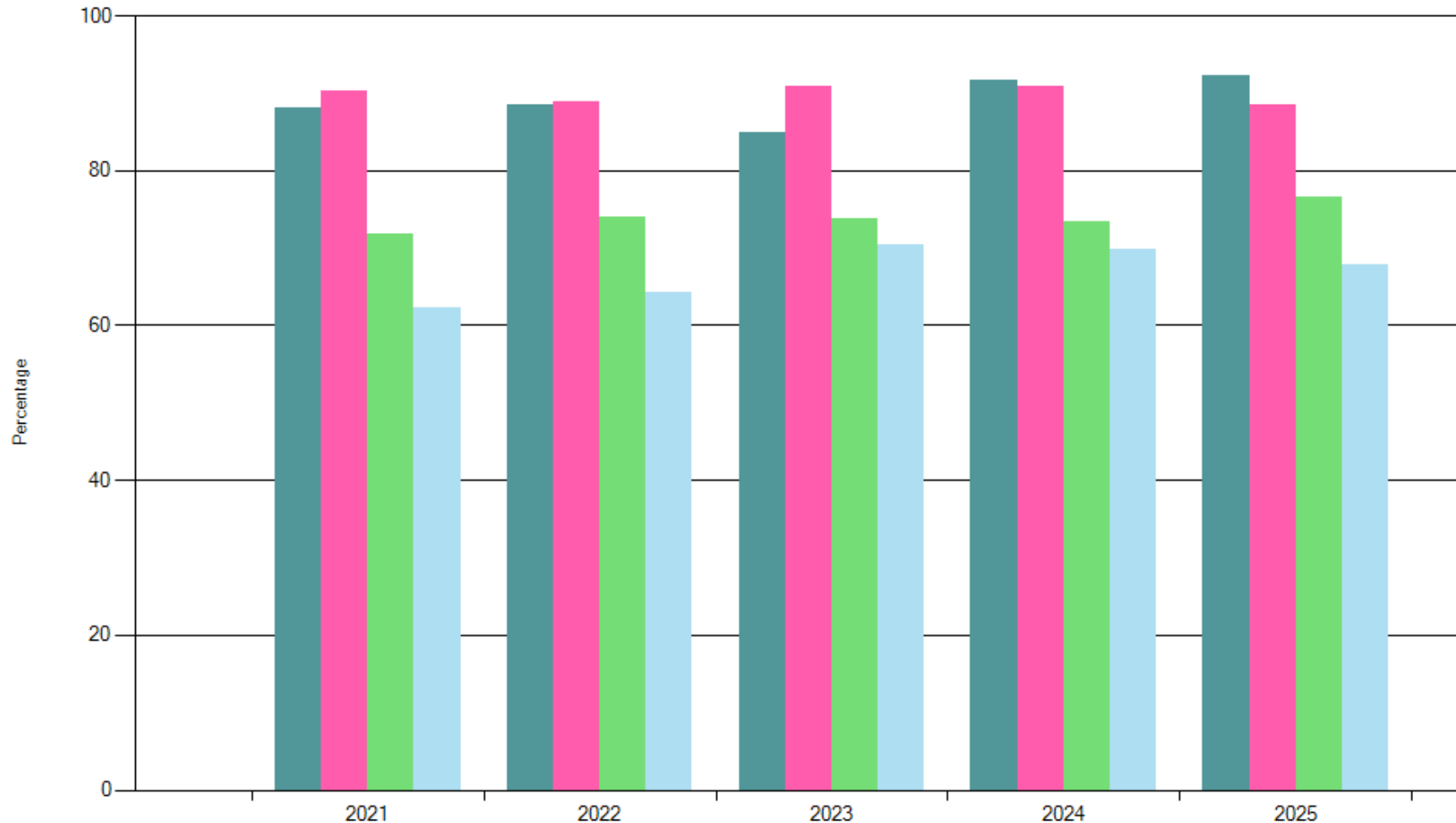
what it really  
looks like



# Our youngsters do well....deservedly



Percentage of Candidates Attaining Literacy and Numeracy



LEARNERS LEAVE  
LEITH ACADEMY  
WITH POSITIVE  
LIT / NUM  
OUTCOMES

# The link is crucial!



Education evidence > Teaching and Learning Toolkit > Parental engagement

## Parental engagement

Moderate impact for very low cost based on extensive evidence

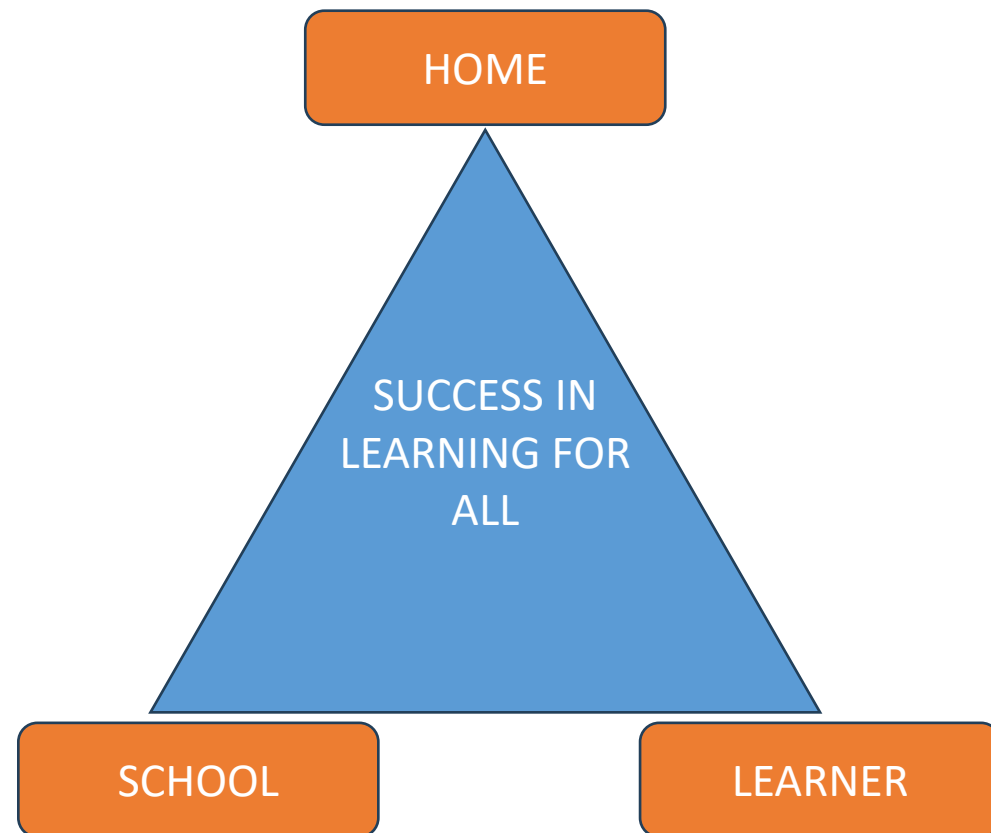
Implementation cost ?



Evidence strength ?



Impact (months) ?



# Signposting is the aim

- We want to help you, help your children
- Provide quick, easy, simple links to support
- Keep communication open throughout the year to help supportive conversations = improved outcomes



# Scottish Qualification Authority SQA

- **National 1,2,3,4**
- Some internal units (2 or 3) to help assess learning
- Internal Added Value Unit
- Some work marked by Leith Academy staff: folios, practical work, performances, portfolios
- No final exam required: pass or fail



# Scottish Qualification Authority SQA



- **National 5 / Higher / Advanced Higher**
- Some work marked by Leith Academy staff: folios, practical work, performances, portfolios
- Some work sent to SQA to be marked: folios, dissertations, art work
- An exam, in most subjects
- **Level 5 and 6 NPAs, Skills for Work, Awards**
- No exam, all work is made up of units to be marked: folios, practical work, performances, portfolios

# Key Dates



- 1<sup>st</sup> Tracking Report – 3<sup>rd</sup> October
- IN PERSON Parents' Evenings coming up – progress check, target setting (29<sup>th</sup> October Anderson/Barton and 13<sup>th</sup> November Cowan/Port)
- Prelim Window 1 – 1<sup>st</sup> - 12<sup>th</sup> December
- Prelims are not there to catch youngsters out
- Prelims should allow Pupils to know strengths...and areas to improve
- SQA 2026 Exam timetable – released later this week on SQA website.

# Live N Learn Session

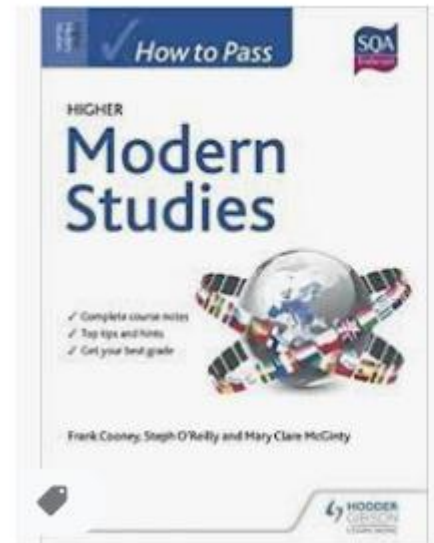
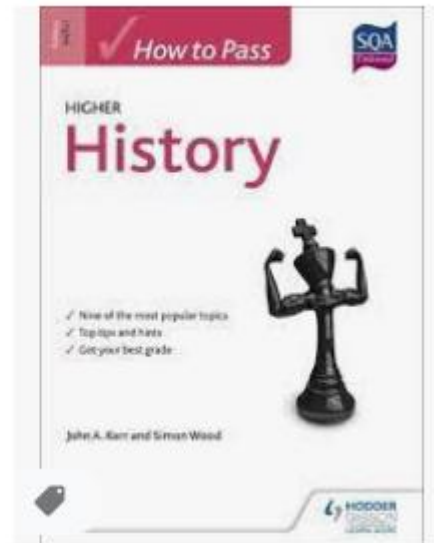
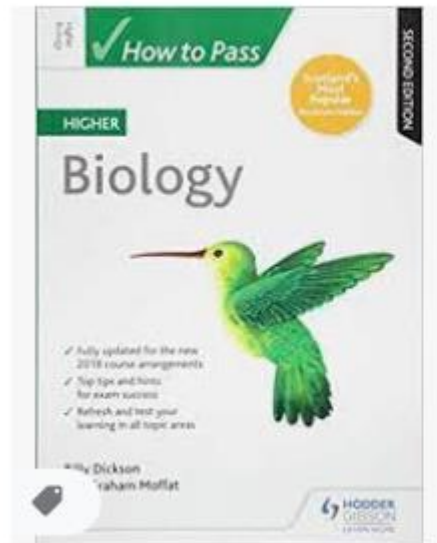
- Session for all S4 Pupils around mindset, aspiration, being positive, study techniques



# How to Pass Guides

Available to borrow

Sign-out from Joe (Learning Resource Centre)



Webinars will  
start 27<sup>th</sup>  
October.

| MONDAY |                          |            |
|--------|--------------------------|------------|
| 5pm    | Maths                    | N5         |
|        | Health & Food Technology | N5/Higher  |
|        | Biology                  | Adv Higher |
| 6pm    | Maths                    | N4         |
|        | Physics                  | Higher     |
|        | Physics                  | Adv Higher |
|        | Human Biology            | Higher     |
|        | Business Management      | N5         |
|        | Applications of Maths    | N5         |
|        | RMPS                     | N5/Higher  |
|        | Practical Cookery        | N5         |
|        | Politics                 | H          |
| 7pm    | Applications of Maths    | Higher     |
|        | Biology                  | Higher     |
|        | Computing Science        | Higher     |

| TUESDAY |                     |            |
|---------|---------------------|------------|
| 5pm     | Music               | N5         |
|         | Maths               | Higher     |
| 6pm     | Modern Studies      | Higher     |
|         | Spanish             | Higher     |
|         | Maths               | Adv Higher |
|         | Business Management | Higher     |
|         | Music               | Higher     |
| 7pm     | English             | Higher     |
|         | Chemistry           | Adv Higher |
|         | English (1)         | N5         |

| WEDNESDAY |                       |            |
|-----------|-----------------------|------------|
| 5pm       | ESOL                  | N5         |
|           | French                | N5         |
|           | Engineering Science   | N5         |
|           | Geography             | Higher     |
|           | History               | Adv Higher |
|           | Graphic Communication | Higher     |
| 6pm       | Geography             | N5         |
|           | Engineering Science   | Higher     |
|           | French                | Higher     |
|           | English (2)           | N5         |
|           | History               | N5         |
| 7pm       | Chemistry             | N5         |
|           | Gaelic                | N5/Higher  |
|           | English               | Adv Higher |
|           | History               | Higher     |

| THURSDAY |                            |           |
|----------|----------------------------|-----------|
| 5pm      | Admin & IT (Theory only) * | Higher    |
|          | German                     | N5        |
|          | Art & Design               | N5        |
|          | English                    | N4        |
| 6pm      | Physics                    | N5        |
|          | Chemistry                  | Higher    |
|          | Design & Manufacture       | N5/Higher |
|          | Biology                    | N5        |
|          | Art & Design #             | Higher    |
|          | German                     | Higher    |
| 7PM      | Graphic Communication      | N5        |
|          | PE                         | Higher    |
|          | Computing Science          | N5        |

\* starting 4<sup>th</sup> December

# starting 20<sup>th</sup> November



[www.e-sgoil.com](http://www.e-sgoil.com)



National e-Learning Offer



# BBC Bitesize

- It has clear explanations- it's broken down into simple and straightforward explanations.
- It includes quizzes usually after each topic.
- It's interactive – images, videos, step by step breakdowns.
- It's good for quick revision.
- Accessible anywhere and is free to use



# Scholar

SCHOLAR | 25 years

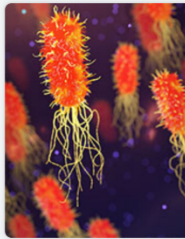


Search | Aidan | Logout

Courses

Reports

## Timetabled Courses



[Advanced Higher Biology](#)

0%  
Course Progress

Start

Activities Downloads Reports

It has all your courses in one place and you can easily track your progress through each course.

It has clear summary notes for every course, taken directly from the course specifications.

## Summary

- The fluid mosaic model describes the structure of the plasma membrane; membranes are comprised of a bilayer of phospholipid molecules and a patchwork of protein molecules.
- The head region of a phospholipid molecule is charged and, therefore, hydrophilic (attracted to water) and the tail region is uncharged and non-polar, and, therefore, hydrophobic (repelled by water).
- Membrane proteins may be integral or peripheral.
- Regions of hydrophobic R groups allow strong hydrophobic interactions that hold integral membrane proteins within the phospholipid bilayer.
- Some integral membrane proteins are transmembrane proteins meaning they span the width of the membrane.
- Integral membrane proteins interact extensively with the hydrophobic region of membrane phospholipids.
- Peripheral membrane proteins have hydrophilic R groups on their surface and are bound to the surface of membranes, mainly by ionic and hydrogen bond interactions.
- Many peripheral membrane proteins interact with the surfaces of integral membrane proteins.
- The phospholipid bilayer is a barrier to ions and most uncharged polar molecules.
- Some small molecules, such as oxygen and carbon dioxide, pass through the bilayer by simple diffusion.
- Facilitated diffusion is the passive transport of substances across the membrane through specific transmembrane proteins.
- To perform specialised functions, different cell types have different channel and

10:15 Wed 17 Sep 71%  
scholar.hw.ac.uk

Q 1: Protein control of cell division  
Q 2: Protein control of cell division  
Q 3: Protein control of cell division

### Protein control of cell division

a) The cytoskeleton is composed of:

☐ carbohydrate.  
☐ lipid.  
☐ nucleic acid.  
☐ protein.

1 mark.

b) All eukaryotic cells have microtubules. These are hollow rods constructed of columns of a protein called .

1 mark.

c) In animal cells, microtubules radiate out from a region near the nucleus called the .

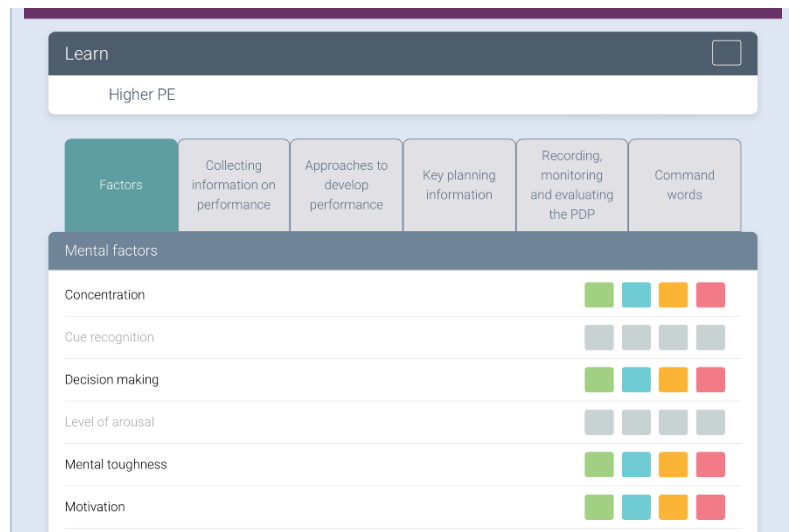
1 mark.

3 marks. Reveal Submit all parts

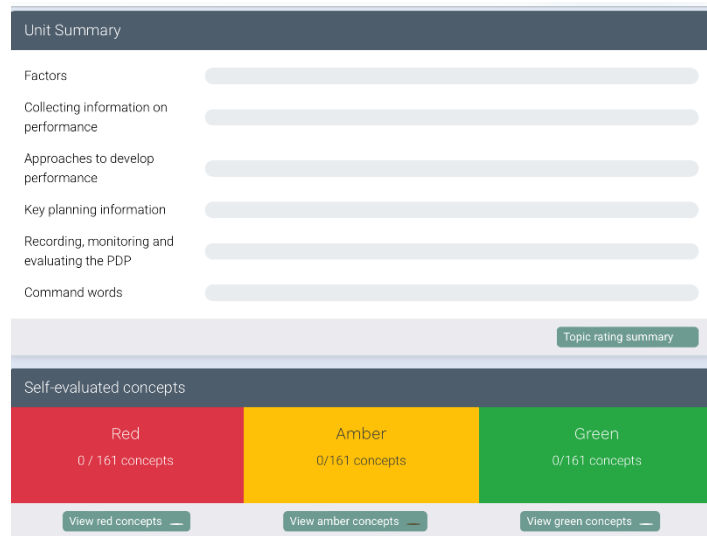
It has a mini test for every key area of your course which is a great way to test yourselves with exam style questions.



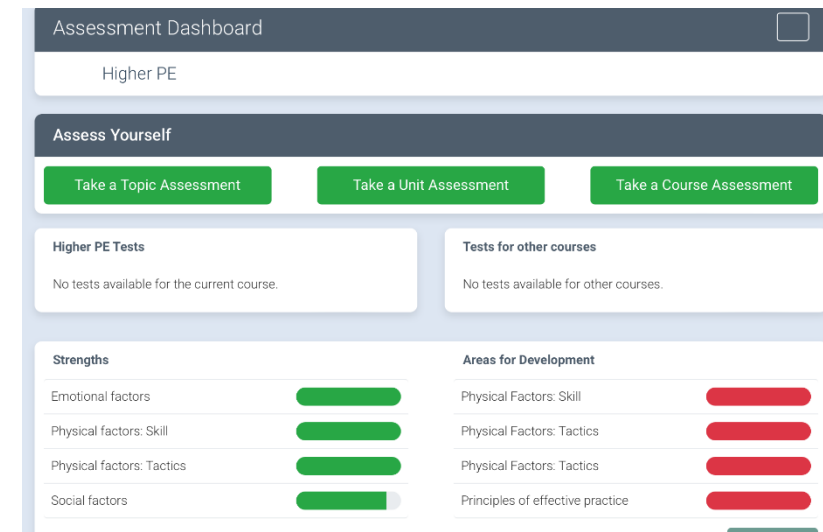
# Achieve



Easily accessible content with links to further learning and specific past paper questions to your chosen topics.



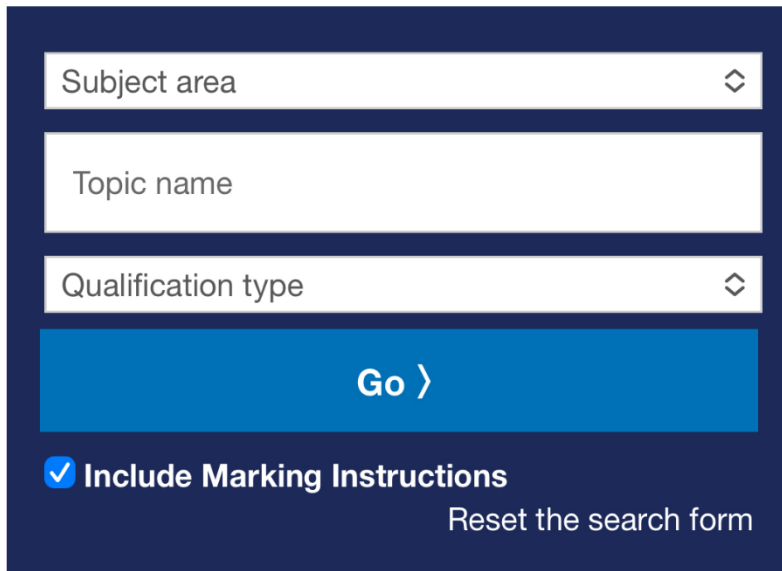
Allows you to self-evaluate yourself using a traffic light system to easily identify your strengths and areas for development.



Allows you to test yourself on small topics, whole units, or the whole course with exam style questions that you can easily track your progress.

# Past Papers

## SQA PAST PAPERS



Subject area

Topic name

Qualification type

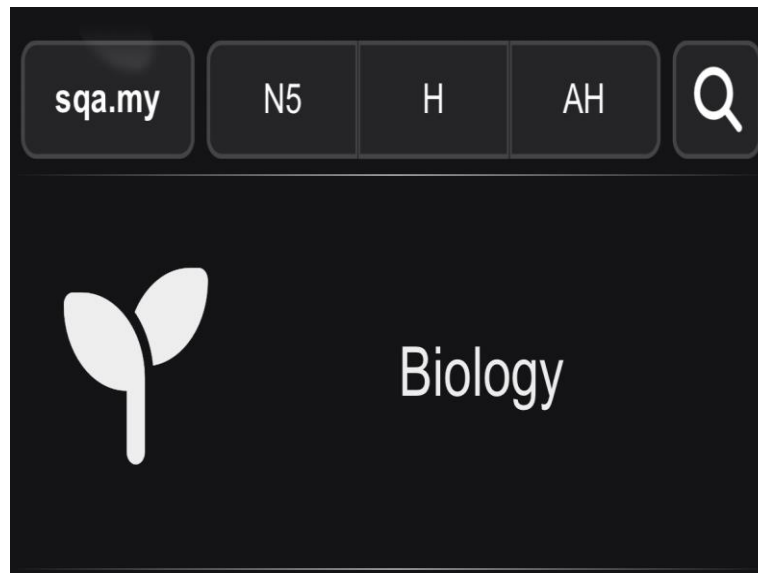
Go >

☒ Include Marking Instructions

[Reset the search form](#)

Understanding Standards gives access to past papers that have been marked.

## SQA.my



## JABchem

JABchem / Biology / Higher

Advanced HigherHigherNational 5Archive

(Unused)

Solutions

2019

Biology Paper  
Human Biology Paper

SQA Biology Solutions  
SQA Human Biology  
Solutions

2018

Biology Paper  
Human Biology Paper

SQA Biology Solutions  
SQA Human Biology  
Solutions

2017

Biology Paper  
Human Biology Paper

SQA Biology Solutions  
SQA Human Biology  
Solutions

2016

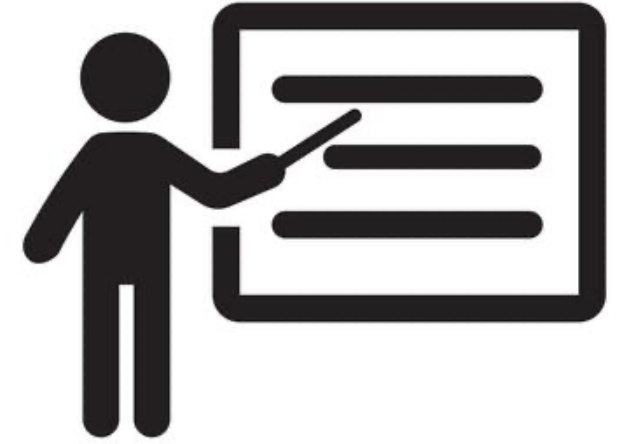
Biology Paper

SQA Biology Solutions

These two have past papers dating further back than the official SQA website.



**Blurting**



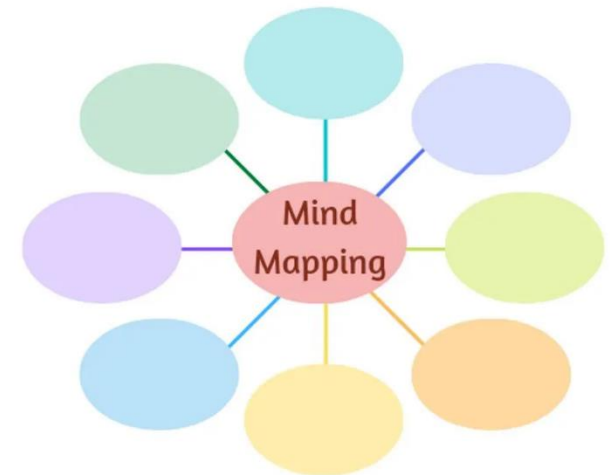
**Teaching others**

Physical forms

**Flash cards**



**Mind-maps**



# Our key messages to Pupils

- Plan your revision time, free time, family time
- Ask questions! You need to be honest and open and ask us
- Eat, drink, sleep - repeat
- Attend supported study (and Easter Revision) sessions as required
- Carefully consider the tracking reports...borderline band 7
- The following have lots of resources and revision materials:
  - Class Teams
  - Scholar
  - Achieve
  - E-sgoil
  - ClickView
  - SQA website (past papers from previous years and Understanding Standards)





## Supported Study

- They are run by each department at lunchtime or after school
- It's not run like a lesson, it's self-led
- I would advise all year round, **consistency is key**
- Perfect for subjects you find slightly more challenging
- They allow you to have access to a teacher to ask questions to when confused
- Great for motivation
- Bring your friends along and help each other out.

# Choosing **your** revision method

Out of all of the revision methods we talked about before, at least one or two is bound to stick!

The best way to find out which revision method works for you is to revise using a method and then completing a past paper exam.

Depending on your result, you can then settle on the method.

Your revision method can change over time, so make sure to keep researching.

# Make it visible...



# It takes a village – Our Partners



- We can't achieve just as a School
- We need Families, Partners, Communities



Pupils can make an appointment to see Giles, our Careers Advisor.



# **'Break out' opportunity**

Move round the stalls

Speak to subject teachers and Prefects