

# Isaac Biology

Lewis Thomson

[lewis@isaacphysics.org](mailto:lewis@isaacphysics.org)



# Isaac Biology Questions

- Added to site in December 2022
- Currently A-level content only
- ~ 300 question pages
- Questions
  - Original
  - Past Papers (OCR, UCLES)
  - Natural Sciences Admissions Assessment (NSAA)



# Question Finder

[Home](#) > [Choose your Questions](#)


## Choose your Questions

[Help](#)


Topics:   
Biology

[Scroll to questions...](#)

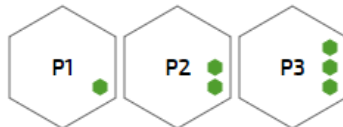
Click these buttons to choose your question gameboard

I am interested in stage... 

Select... 

I would like questions for... 

Practice

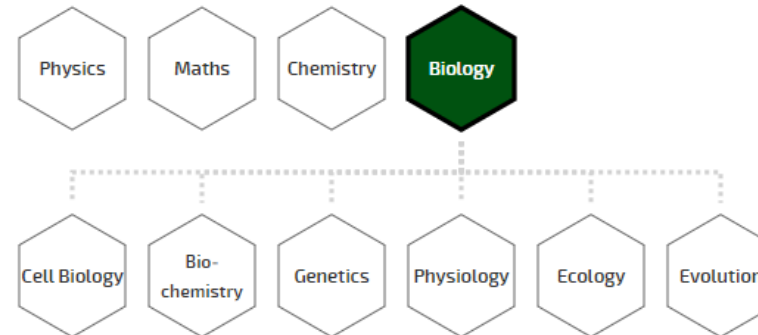


Challenge




☒ Include Isaac book questions

Topics:



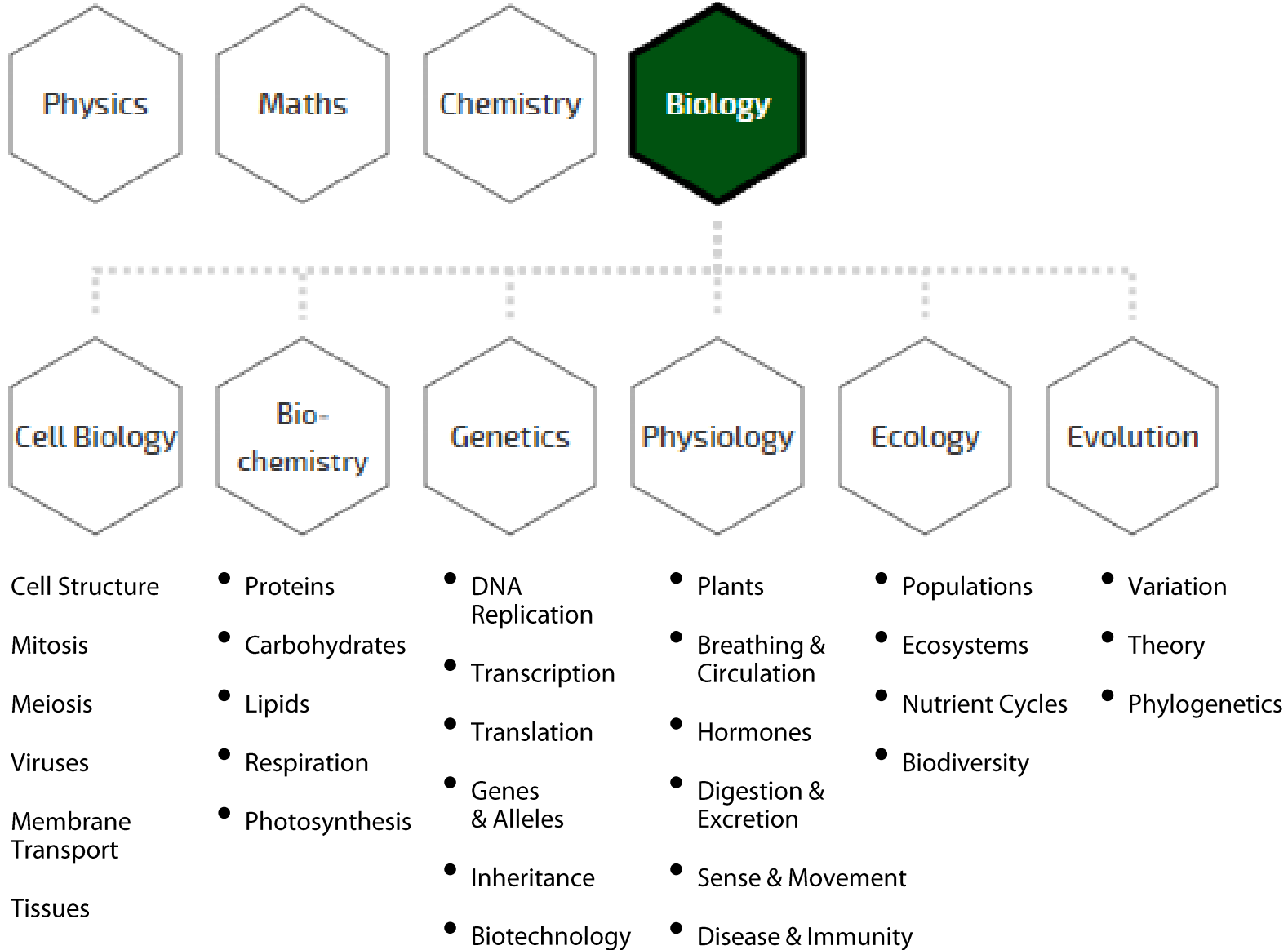
[Go to Questions...](#)

[Shuffle Questions](#) 



# Question Finder

Topics:





# Question Levels

[Home](#) > [Choose your Questions](#)


## Choose your Questions

[Help](#)


Topics:   
Biology

[Scroll to questions...](#)

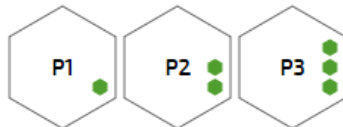
Click these buttons to choose your question gameboard

I am interested in stage... 

Select... 

I would like questions for... 

Practice

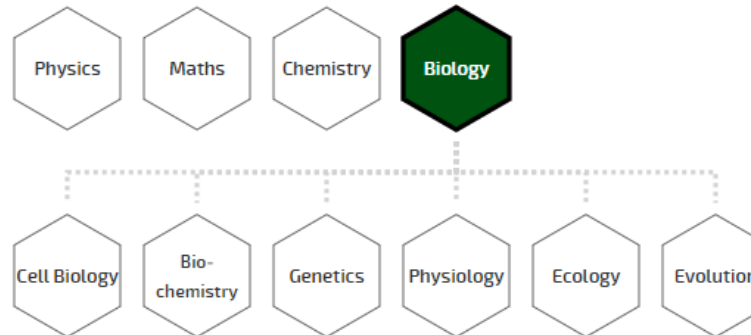


Challenge




☒ Include Isaac book questions

Topics:



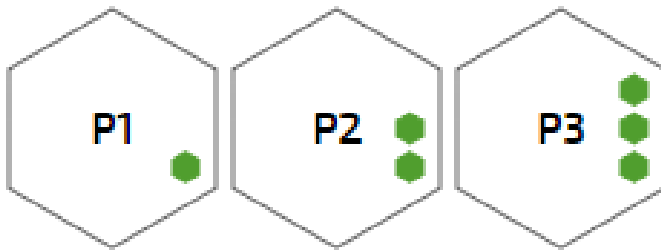
[Go to Questions...](#)

[Shuffle Questions](#) 



# Question Levels

## Practice



## Challenge



## Recall questions

- *What is the name of this cell type/process/?*
- *Label the diagram*
- *Fill-in-the-blanks*

## Application questions


- *Interpret the graph*
- *Predict the outcome*
- *Statistical tests*



# Pre-prepared Biology Boards

[Home](#) > Pre-prepared Biology Boards

## Pre-prepared Biology Boards

Published 



The boards below are organised into an order that allows for progression of ideas from one board to the next (within each field). If you wish to find a board on a specific topic, you may wish to use "CTRL+F" to locate the relevant entry.

The "What it contains" column lists the difficulty levels of the questions and how many there are: for example, "7×P1" means seven questions of "Practice 1" difficulty.

- "Practice" questions are recall-based questions that test basic knowledge of a topic e.g. defining terms, identifying examples of things, "fill-in-the-blanks" questions, etc.
- "Challenge" questions are application-based questions that test the ability to apply that knowledge to an unfamiliar scenario e.g. performing calculations, interpreting data, predicting outcomes, etc.

Numbers 1-3 represent which stage of the A-level syllabus the topics are covered (1 = early, 2 = middle, 3 = late).

In some cases, these ratings are preliminary and subject to change (feedback on this from teachers is very welcome).

### A Level (only A Level boards are available for biology currently)

Topic	What it contains	Link
Biochemistry		
<a href="#">Proteins &amp; Enzymes</a>	3×P1, 6×C1	<a href="#">View board</a>
<a href="#">Carbohydrates</a>	6×P1	<a href="#">View board</a>
<a href="#">Lipids</a>	2×P1, 4×C1	<a href="#">View board</a>





































[https://isaacphysics.org/pages/boards\\_by\\_topic\\_bio](https://isaacphysics.org/pages/boards_by_topic_bio)

[lewis@isaacphysics.org](mailto:lewis@isaacphysics.org)



# Pre-prepared Biology Boards

## Proteins & Enzymes

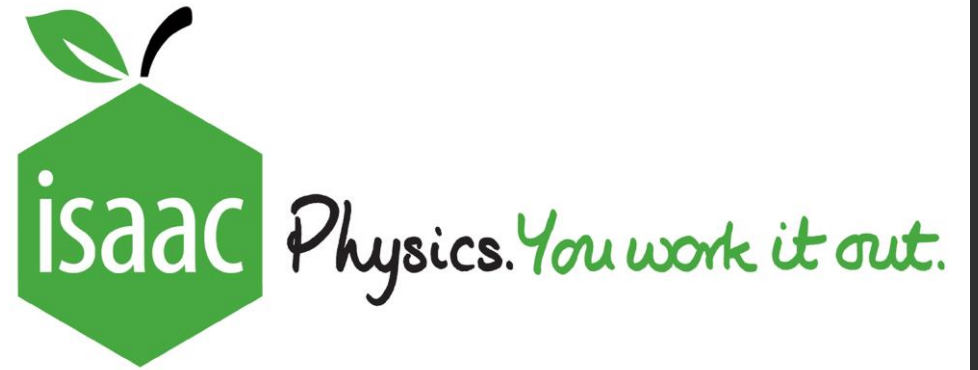
	<b>Amino Acids</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Protein Primary Structure</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Levels of Protein Structure</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Types of Proteins</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Protein Practicals</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Enzymes</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Enzyme Reactions</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Enzyme Conditions</b> Biology > Biochemistry > Proteins	A Level    >
	<b>Changing Substrate Concentrations</b> Biology > Biochemistry > Proteins	A Level    >

Save to My Gameboards

[https://isaacphysics.org/pages/boards\\_by\\_topic\\_bio](https://isaacphysics.org/pages/boards_by_topic_bio)

[lewis@isaacphysics.org](mailto:lewis@isaacphysics.org)





# Thank you!

[lewis@isaacphysics.org](mailto:lewis@isaacphysics.org)