

The Official IMAT 2022 Study Planner

Within this planner, we will lay the foundation and guidance you will need for the upcoming months of study for the **IMAT 2022**. This includes; explanations of given daily plans, topics and pages of study, as well as highlighting the most crucial topics and those which are unimportant. Moreover, explained will be the finest tips for studying, the best resources to use and the most useful exercises to follow.

The planner will be in direct, simple English- to allow for diversification. Remember the more you read, the better your language will become- so we encourage you to attempt to eagerly read and understand the guide as well as the books that accompany it.

So, **how will it go?**

The planner will be based on the Pearson IB Books, where the required syllabus chapters and pages will be given to you as a daily schedule, along with a checklist and the extra resources mentioned below. The study planner will be distributed over a time period of 10 weeks, studying 5 days a week, with an emphasis on rest for break days. This is an estimated time frame, and according to one's personal schedule- completion time will surely differ.

Books

The books recommended include Pearson's Biology (A Global Approach), Pearson's Chemistry (Higher Level), Cambridge AS-level and A-level Biology, and Barron's SATs Subject Test books (Chemistry, Physics and Biology). SAT Maths for dummies, and Cambridge IGCSE Chemistry. They can be purchased or downloaded as soft copies online.

Anki

Anki uses a simple, yet effective technique for memorization called "Active Recall" through its flashcards.

We recommend you research more about Active Recall, as it is a pivotal part of this planner and your studies.

To download Anki, please click [here](#).

Resources

Alongside these resources, you will also be using Khan Academy and their SAT feature for Physics and Maths Practice.

For additional support, there will also be given youtube channels which cover mentioned topics. Previous IMAT and BMAT exams will be mentioned as practice towards the completion of studies.

Please note that this planner will follow Pearson's, Cambridge and Barron's as the main methods of studying, the rest of the mentioned books are for revision following the completion of the syllabus.

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of entermedschool.com
The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

<p>DAY 1 Pearson's Biology: Chapters 1 and 2. Pages: 52-64, 76-89. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 2 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapters 3 and 4. Pages: 92-101, 104-110. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 3 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 7. Pages: 163-195. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 1 Pages: 2-26. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 4 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 5. Pages: 114-139. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 2. Pages: 27-52. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>
<p>DAY 5 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 6. Pages: 141-161. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 3. Pages: 53-71. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 6</p> <p>R</p> <p>E</p> <p>S</p> <p>T</p> <p>D</p> <p>A</p> <p>Y</p>	<p>DAY 7</p> <p>R</p> <p>E</p> <p>S</p> <p>T</p> <p>D</p> <p>A</p> <p>Y</p>	<p>DAY 8 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 8. Pages 196-212. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 4. Pages 73-92. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of entermedschool.com
The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

<p>DAY 9 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 16. Pages: 364-384. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 6. Pages: 111-125. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 10 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 12. Pages: 284-302. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 5. Pages: 94-109. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 11 Revise previous days' flashcards.</p> <p>(Recommended to revise both Day 9 and 10.)</p> <p>Pearson's Biology: Chapter 13. Pages: 304-318. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 12 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapters 9, 40 and 41. Pages: 214-232, 925-967. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>
<p>DAY 13</p> <p>R</p> <p>E</p> <p>S</p> <p>T</p> <p>D</p> <p>A</p> <p>Y</p>	<p>DAY 14</p> <p>R</p> <p>E</p> <p>S</p> <p>T</p> <p>D</p> <p>A</p> <p>Y</p>	<p>DAY 15 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 43. Pages: 995- 1011. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 8. Pages:157-184,133-135. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 16 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 43. Pages: 1013-1023. Solve Concept Checks.</p> <p>Cambridge Biology: Chapter 9. Pages: 185-190, 194-198. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of entermedschool.com
The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

<p>DAY 17 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 42. Pages: 972-991. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 18 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 44. Pages: 1027-1044. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 19 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 49. Pages: 1141-1160. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p style="text-align: center;">DAY 20</p> <p style="text-align: center;">R E S T D A Y</p>
<p style="text-align: center;">DAY 21</p> <p style="text-align: center;">R E S T D A Y</p>	<p>DAY 22 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 50. Pages: 1163-1191. Solve Concept Checks.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 23 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 47. Pages: 1098-1120. Solve Concept Checks. Cambridge Biology: Chapter 10. Pages: 198-221. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 24 Revise previous days' flashcards.</p> <p>Pearson's Biology: Chapter 10. Pages: 236-255. Solve Concept Checks. Cambridge Biology: Chapter 12. Pages: 268-285. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of entermedschool.com
The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

DAY 25

Revise previous days' flashcards.

Pearson's Biology:

Chapter 11.
Pages: 259-278.
Solve Concept Checks.

Cambridge Biology:

Chapter 13.
Pages: 133-135, 286-298.
Solve End-of-chapter questions.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 26

Revise previous days' flashcards.

Pearson's Biology:

Chapter 48.
Pages: 1123-1136.
Solve Concept Checks.

Cambridge Biology:

Chapter 15.
Pages: 330-352, 357-363. (skip plants)
Solve End-of-chapter questions.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 27

**R
E
S
T

D
A
Y**

DAY 28

**R
E
S
T

D
A
Y**

DAY 29

Revise previous days' flashcards.

Pearson's Biology:

Chapter 14.
Pages: 319-338.
Solve Concept Checks.

Cambridge Biology:

Chapter 16.
Pages: 364-396.
Solve End-of-chapter questions.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 30

Revise previous days' flashcards.

Pearson's Biology:

Chapter 45.
Pages: 1049-1069.
Solve Concept Checks.

(Skip embryo and structure of flowers).

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 31

Revise previous days' flashcards.

Pearson's Biology:

Chapter 21.
Pages: 500-515.
Solve Concept Checks.

Cambridge Biology:

Chapter 17.
Pages: 397-422.
Solve End-of-chapter questions.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 32

Revise previous days' flashcards.

Pearson's Biology:

Chapter 22 and 23.
Pages: 519-555.
Solve Concept Checks.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 33

Revise previous days' flashcards.

Pearson's Biology:

Chapter 24 and 26.

Pages: 560-602.

Solve Concept Checks.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 34**R****E****S****T****D****A****Y****DAY 35****R****E****S****T****D****A****Y****DAY 36**

Revise previous days' flashcards.

Pearson's Biology:

Chapter 19.

Pages: 447-470.

Solve Concept Checks.

Cambridge Biology:

Chapter 19.

Pages: 440, 463-488.

Solve End-of-chapter questions.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

DAY 37

Revise previous days' flashcards.

Pearson's Biology:

Chapter 17, 18 and 26

Pages: 385-442,

608-622.

Solve Concept Checks.

Create Anki flashcards for what you've learned.

Daily dose of general knowledge and logic.

REVISION PERIOD

Over this period of time, it is crucial to verify and reexamine what you've learned.

Study your Anki flashcards, and summarise what you've accomplished.

Remember to review the [syllabus](#) to ensure you've covered all the topics.

REVISION PERIOD

It's important to also gain different visuals and perspectives of each topic- thus we recommend the following Youtube Channels:

[Ninja Nerd Science](#)
[Armando Biology](#)
[Amoeba Sisters](#)
[Khan Academy](#)
[Organic Chemistry Tutor](#)
[AK lectures](#)

REVISION PERIOD

You've completed the IMAT Biology syllabus, be proud of yourselves!

Ensure you feel confident in your knowledge, as you'll be starting Chemistry soon.

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of entermedschool.com. The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

THINGS TO NOTE:

Memorise	Apprehend	Practice
<ul style="list-style-type: none">-Structure of glucose.-Structure of phospholipids.-Structure of water.-Simple anatomical structure of the heart.-Direction and pressure of blood, from and to the heart.-The carbonic Buffer System and pH graph.-Blood pressure graphs in different phases.-AIDS, structure and components.-Structures and types of nerve cells.-The Reflex arc.-Structure of sarcomeres, and function.-Gametogenesis.-Oogenesis.-PCR steps.	<ul style="list-style-type: none">-Peptide Bonds.-4 Protein Structures and respective Intermolecular Interactions.-Bohr shift and S-shaped curve.-How the body controls the heartbeat.-ECG's briefly.-Types of epithelial cells.-Digestive system and hormones.-Human transport systems.-How penicillin works.-Basic structure of the brain, spinal cord and nervous system.-Concept of genetics.-LAC operon.-Mechanisms of evolution.-Concept of Natural Selection.-CRISPR.-Genetic engineering.-Restriction enzymes, their types and functions.-Gel electrophoresis.	<ul style="list-style-type: none">-Practice single gene crossing.-Practice dihybrid crossing.-Practice calculating genotype frequency.

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of entermedschool.com
The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

<p>DAY 41 Cambridge IGCSE Chemistry: Chapter 1 and 2. Pages: 2-24. Solve End-of-chapter questions.</p> <p>(Skip chromarography)</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 42 Cambridge IGCSE Chemistry: Chapter 3. Pages: 26-40. Solve End-of-chapter questions.</p> <p>Pearson's Chemistry: Chapter 2. Pages: 58-85. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 43 Cambridge IGCSE Chemistry: Chapter 4. Pages: 42-60. Solve End-of-chapter questions.</p> <p>Pearson's Chemistry: Chapter 4. Pages: 140-199. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 44 Cambridge IGCSE Chemistry: Chapter 13. Pages: 178-186. Solve End-of-chapter questions.</p> <p>Pearson's Chemistry: Chapter 3. Pages: 98-130. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>
<p>DAY 45 Cambridge IGCSE Chemistry: Chapter 4. Pages: 72-86. Solve End-of-chapter questions.</p> <p>Pearson's Chemistry: Chapter 1. Pages: 3-28. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 45</p> <p>R</p> <p>E</p> <p>S</p> <p>T</p> <p>D</p> <p>A</p> <p>Y</p>	<p>DAY 47</p> <p>R</p> <p>E</p> <p>S</p> <p>T</p> <p>D</p> <p>A</p> <p>Y</p>	<p>DAY 48 Cambridge IGCSE Chemistry: Chapter 5 and 7. Pages: 62-70, 88-96, 104-107. Solve End-of-chapter questions.</p> <p>Pearson's Chemistry: Chapter 9. Pages: 406-425. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of entermedschool.com
The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

<p>DAY 49 Cambridge IGCSE Chemistry: Chapter 9. (Skip 9.4) Pages: 110-124 Solve End-of-chapter questions. Pearson's Chemistry: Chapter 7 and 5. Pages: 311-330, 211-247. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 50 Cambridge IGCSE Chemistry: Chapter 10. Pages: 126-142. Solve End-of-chapter questions. Pearson's Chemistry: Chapter 6. Pages: 272-300. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 51 (Recommended to revise both Day 44.) Cambridge IGCSE Chemistry: Chapter 16. (Skip 16.3) Pages: 220-238, 214-215. Solve End-of-chapter questions.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>	<p>DAY 52 Cambridge IGCSE Chemistry: Chapter 17.3 till 18. Pages: 244-272. Solve End-of-chapter questions. Pearson's Chemistry: Chapter 10. Pages: 464-514. Solve exercises.</p> <p>Create Anki flashcards for what you've learned.</p> <p>Daily dose of general knowledge and logic.</p>
<p>DAY 53</p> <p>R E S T D A Y</p>	<p>DAY 54</p> <p>R E S T D A Y</p>	<p>REVISION PERIOD</p> <p><i>Over this period of time, it is crucial to verify and reexamine what you've learned. Study your Anki flashcards, and summarise what you've accomplished. Remember to review the syllabus to ensure you've covered all the topics.</i></p> <p>You've completed the IMAT Chemistry syllabus, be proud of yourselves!</p>	<p>REVISION PERIOD</p> <p><i>It's important to also gain different visuals and perspectives of each topic- thus we recommend the following Youtube Channels:</i></p> <p>Ninja Nerd Science Armando Biology Amoeba Sisters Khan Academy Organic Chemistry Tutor AK lectures</p>

This planner will be free to use and share; however, this content is protected through copyrights and trademarks of enteredmedschool.com
The planner may contain errors, please be sure to verify the content and use it at your own responsibility.

THINGS TO NOTE:

Memorize	Apprehend	Practice
<ul style="list-style-type: none">-Periodic groups 1,2,7,8.-First four rows of periodic table.-Electron configurations for first 20 elements and first row of transitional metals.- The difference between metals and non-metals.-Different kinds of bonds.-Memorize the characteristics of all elements in groups 1,2,7,8.-The reactivity series.-All organic chemical reactions from Cambridge IGCSE book, how to write them and recognize them.	<ul style="list-style-type: none">-How chemical reactions work (movement of electrons).-Different kinds of bonds.-How to name compounds.-What a mole is.-Laws of Thermodynamics.-How equilibrium works.-What causes rate of a reaction to change.-Function of catalysts.-Periodicity of periodic table.-Difference between chemical and physical properties.-Know how to name organic molecules (IUPAC).	<ul style="list-style-type: none">-How to calculate amounts of substances.-How to calculate changes in energy.

TASKS TO COMPLETE: (Upon completion of Schedule above)

- Skim over **Barron's SAT Subject Test books** for Biology and Chemistry, and solve practice questions as revision.
 - Identify your weak spots per subject and constantly go over your Anki cards, watching youtube videos that will help you improve.
 - Study and practice Physics and Math through **Khan Academy's** SAT feature, as well as through books mentioned in Page 1. (Study for at least an hour a day.)
- To understand which topics are relevant, check the **syllabus**.
- Begin analyzing previous **IMAT** and **BMAT** exams, and understanding their solutions.
 - If you have not been completing the daily **logic and knowledge questions**, it is advised to begin to do so now.

This planner was outlined by Ari Horesh, and written and edited by Ahd Omer.

For any suggestions, questions or thoughts, please visit: entermedschool.com

