



BANGLADESH JUNIOR SCIENCE OLYMPIAD

Recommended Reading List

Physics · Chemistry · Biology

Last updated: August 2026

The books listed below support preparation for every round of the BDJSO. The textbooks under Compulsory Reading are essential for all participants in all categories. The subject lists that follow are recommended supplementary reading; where a book is listed with suggested chapters or parts, only those sections are relevant to the Olympiad.

Titles in brackets are the original Bengali titles. Availability of a book on this list does not restrict the syllabus, and questions are not set from any single title.

1. Compulsory Reading

1. The science textbook of the student's own class.
2. The science textbook of the next class.
3. The mathematics textbook — in particular trigonometry, geometry, logarithms, functions, graphs of functions, vectors and the unitary method.

2. Physics

No.	Title	Author	Publisher
1	Dekha Alo Na Dekha Rup (দেখা আলো না দেখা রূপ)	Muhammed Zafar Iqbal	Tamralipi
2	Padarthabigyaner Prothom Path (পদার্থবিজ্ঞানের প্রথম পাঠ)	Muhammed Zafar Iqbal	Tamralipi
3	University Physics with Modern Physics, 14th edition <i>Suggested chapters: 1–8; 11 (excluding torque); 12 (excluding Bernoulli); 13; 14 (excluding the physical pendulum); 17–19; 21; 23; 25; 26; 27 (right-hand rule only); 34.</i>	Young & Freedman	Pearson

Books 1 and 2 are written in Bengali.

3. Chemistry

No.	Title	Author	Publisher
1	General Chemistry <i>Suggested sections: Part 1 to Part 4.</i>	Ebbing & Gammon	Cengage Learning
2	Chemistry <i>Suggested chapters: 1–6, 8, 9, 11–16, 19, 23.</i>	Raymond Chang	McGraw-Hill Education

4. Biology

No.	Title	Author	Publisher
1	Uchcha Madhyamik Prani Bigyan (উচ্চ মাধ্যমিক প্রাণিবিজ্ঞান) — <i>Higher Secondary Zoology</i>	Gazi Azmal	Gazi Publishers
2	Uchcha Madhyamik Udbhid Bigyan (উচ্চ মাধ্যমিক উদ্ভিদবিজ্ঞান) — <i>Higher Secondary Botany</i>	Abul Hasan	Hasan Book House
3	Campbell Biology	Reece, Urry & Cain	Pearson
4	Biology	Raven, Johnson, Mason, Losos & Singer	McGraw-Hill Higher Education

5. For Practice

No.	Title	Author	Source
1	Junior Science Olympiad: Problems and Solution Hints — Regional Round (জুনিয়র সায়েন্স অলিম্পিয়াড: সমস্যা ও সমাধান সংকেত — আঞ্চলিক পর্ব)	Trainers of the IJSO Bangladesh National Team	Rokomari
2	Junior Science Olympiad: Problems and Solution Hints — National Round (জুনিয়র সায়েন্স অলিম্পিয়াড: সমস্যা ও সমাধান সংকেত — জাতীয় পর্ব)	Trainers of the IJSO Bangladesh National Team	Rokomari
3	IJSO past papers and solutions <i>Question papers and solutions of previous International Junior Science Olympiads</i>	International Junior Science Olympiad	ijsoweb.org

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