

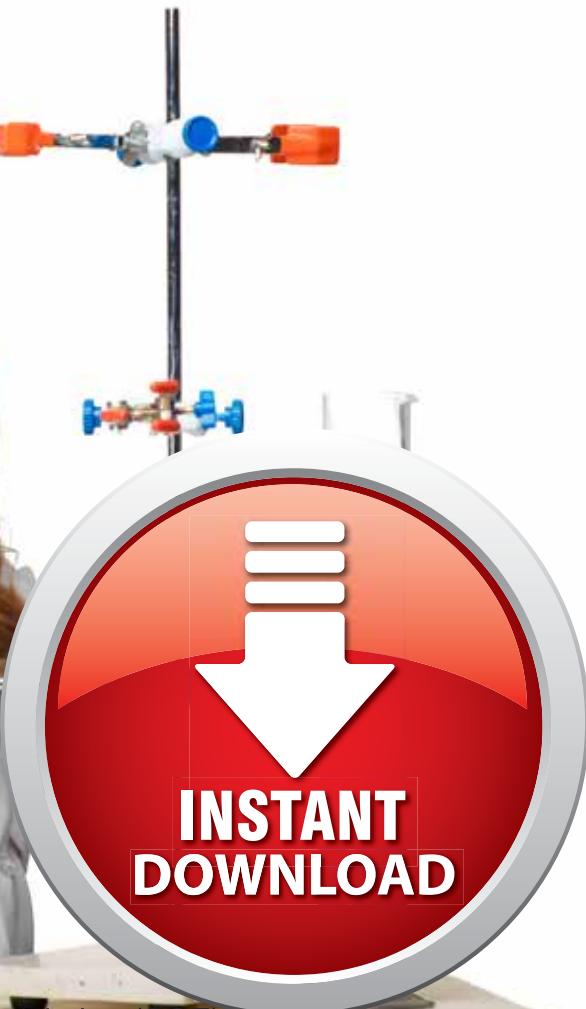
SOF NATIONAL SCIENCE OLYMPIAD

Level 2

SOLVED PAPERS

5 Years (2016-2020)

CLASS
5



Copyright © 2020 Science Olympiad Foundation. Printed with the permission of Science Olympiad Foundation. No part of this publication may be reproduced, transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the copyright holder. Ownership of an ebook does not give the possessor the ebook copyright.

All disputes subject to Delhi jurisdiction only.

Disclaimer : The information provided in this book is to give you the path to success but it does not guarantee 100% success as the strategy is completely dependent on its execution and, it is based on previous years' papers of NSO exam.

Published by : MTG Learning Media (P) Ltd.

Corporate Office : Plot 99, 2nd Floor, Sector 44 Institutional Area, Gurugram, Haryana-122003.

Phone : 0124 - 6601200

Web: mtg.in Email: info@mtg.in

Regd. Office : 406, Taj Apt., Ring Road, Near Safdarjung Hospital, New Delhi-110029

Visit www.mtg.in for buying books online.

Do you want yourself to be updated about

- NEW arrivals at MTG Book Store
- Special offers on MTG Books and Magazines
- Exams alerts, frequently asked questions (FAQs)
- Important questions for forthcoming examinations
- Study tips, quizzes, flowcharts, learning strategies, news from science world, and much more...



Like us on
Facebook

<https://www.facebook.com/pcmbtoday>

Subscribe to our
**YouTube
Channel**



<https://www.youtube.com/MTGBOOKS>

BLOG

Subscribe us on **blog.pcmbtoday.com**

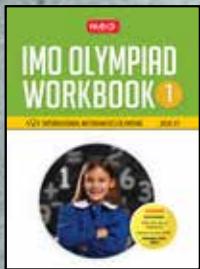
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

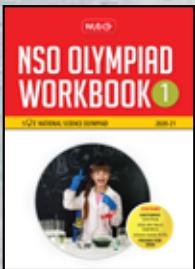
CLASS
1

For latest releases and revised editions

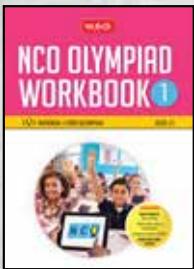
[CLICK HERE](#)



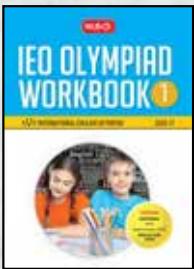
International Mathematics Olympiad



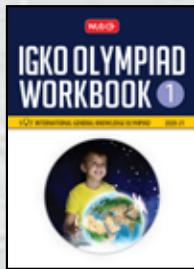
National Science Olympiad



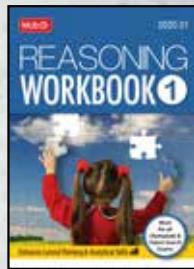
National Cyber Olympiad



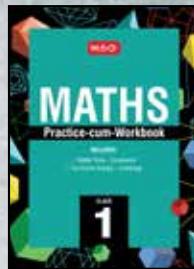
International English Olympiad



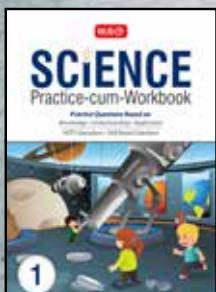
International General Knowledge Olympiad



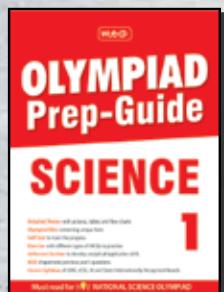
Reasoning



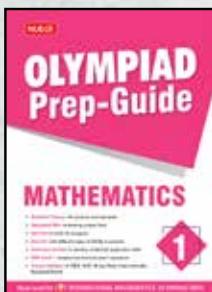
Maths Practice-cum-Workbook



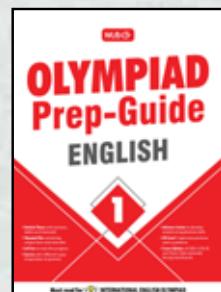
Science Practice-cum-Workbook



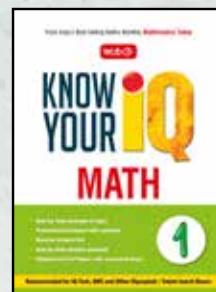
Olympiad Prep-Guide Science



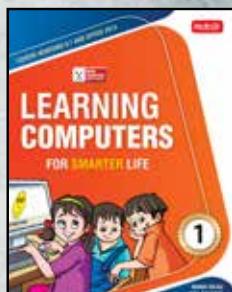
Olympiad Prep-Guide Mathematics



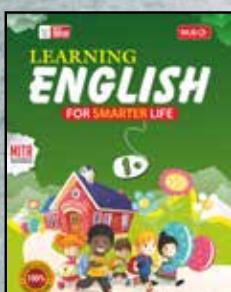
Olympiad Prep-Guide English



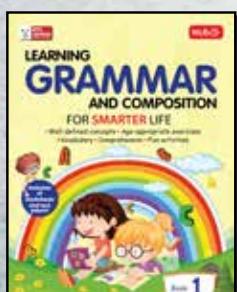
Know Your IQ Math



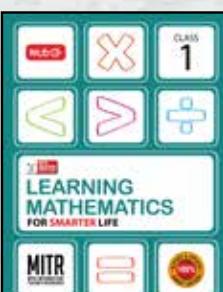
Learning Computers



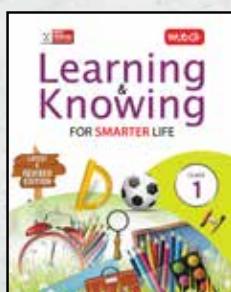
Learning English



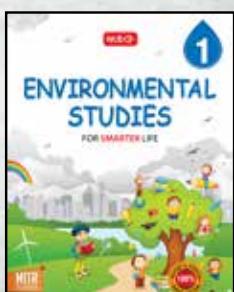
Learning Grammar



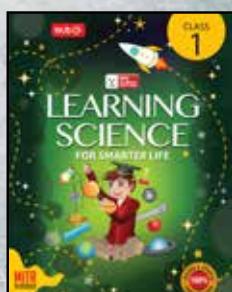
Learning Mathematics



Learning & Knowing



EVS



Learning Science

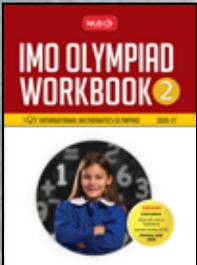
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

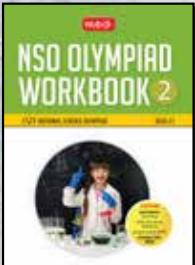
CLASS
2

For latest releases and revised editions

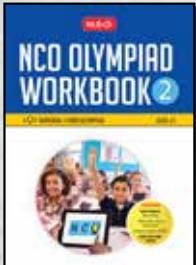
[CLICK HERE](#)



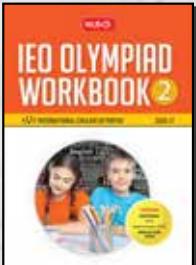
International Mathematics Olympiad



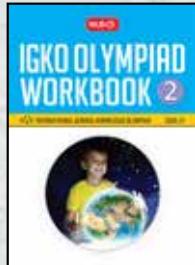
National Science Olympiad



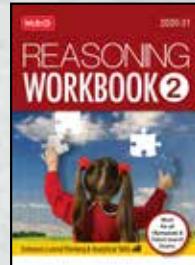
National Cyber Olympiad



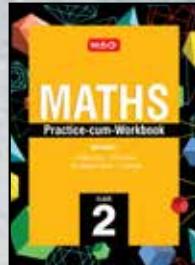
International English Olympiad



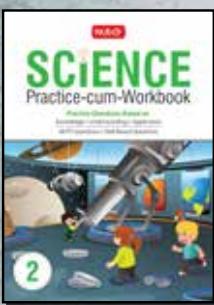
International General Knowledge Olympiad



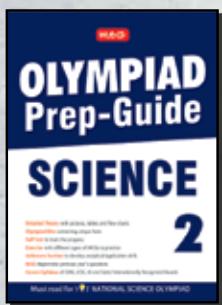
Reasoning



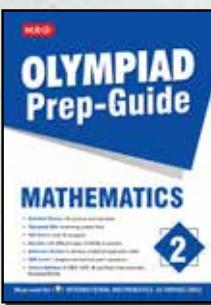
Maths Practice-cum-Workbook



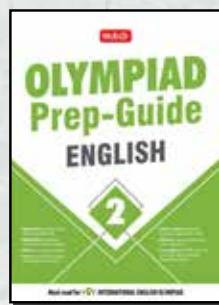
Science Practice-cum-Workbook



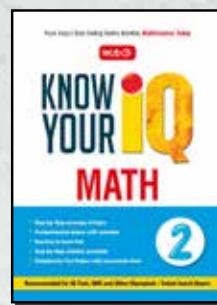
Olympiad Prep-Guide Science



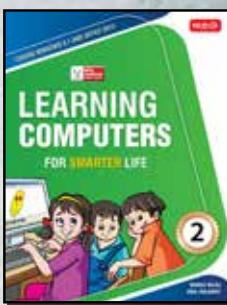
Olympiad Prep-Guide Mathematics



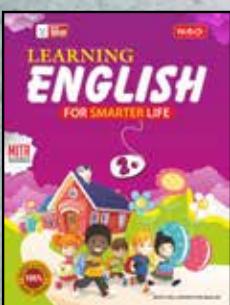
Olympiad Prep-Guide English



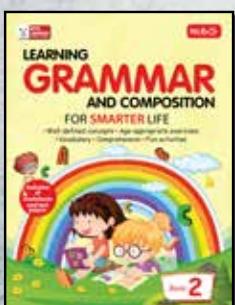
Know Your IQ Math



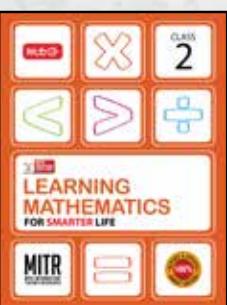
Learning Computers



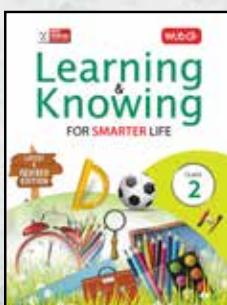
Learning English



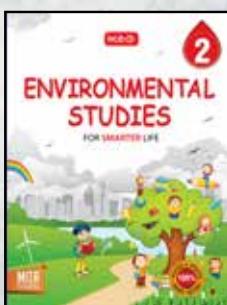
Learning Grammar



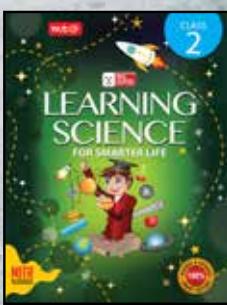
Learning Mathematics



Learning & Knowing



EVS



Learning Science

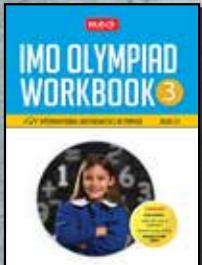
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

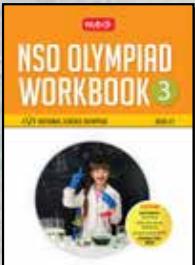
CLASS
3

For latest releases and revised editions

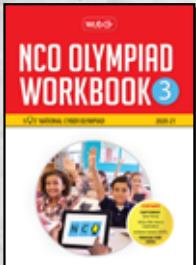
[CLICK HERE](#)



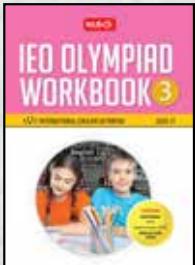
International Mathematics Olympiad



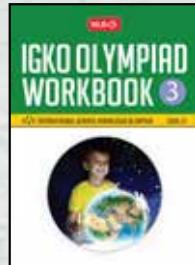
National Science Olympiad



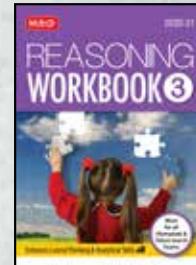
National Cyber Olympiad



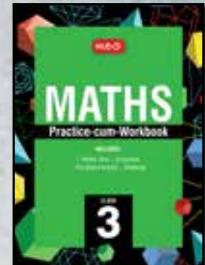
International English Olympiad



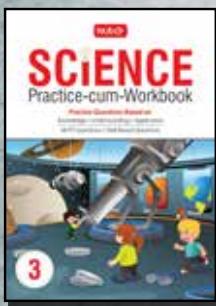
International General Knowledge Olympiad



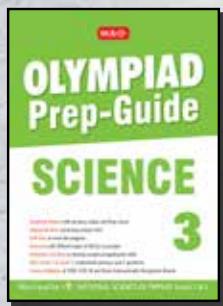
Reasoning



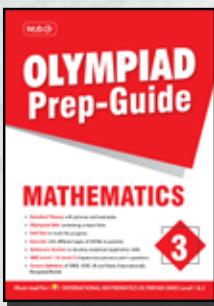
Maths Practice-cum-Workbook



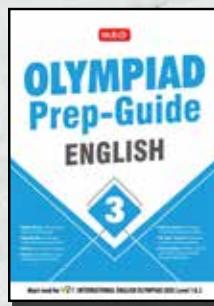
Science Practice-cum-Workbook



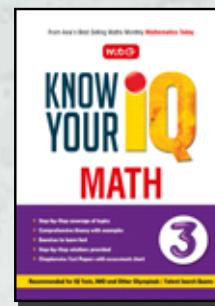
Olympiad Prep-Guide Science



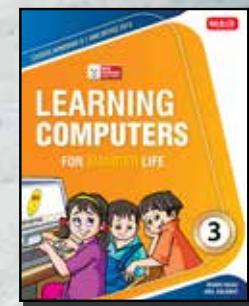
Olympiad Prep-Guide Mathematics



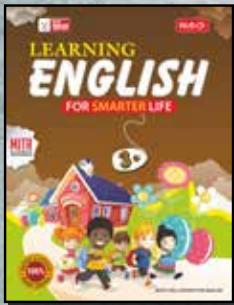
Olympiad Prep-Guide English



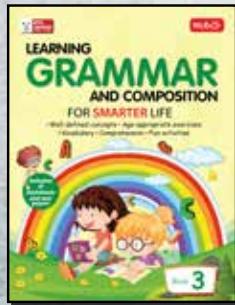
Know Your IQ Math



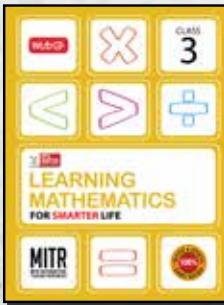
Learning Computers



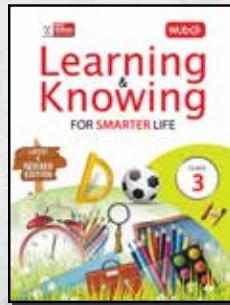
Learning English



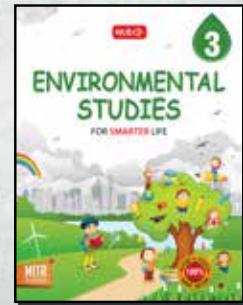
Learning Grammar



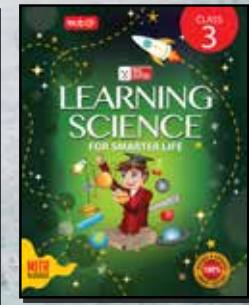
Learning Mathematics



Learning & Knowing



EVS



Learning Science

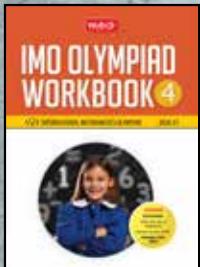
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

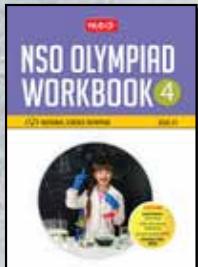
CLASS
4

For latest releases and revised editions

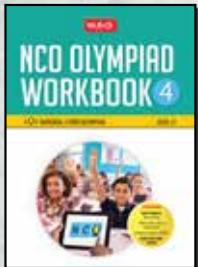
[CLICK HERE](#)



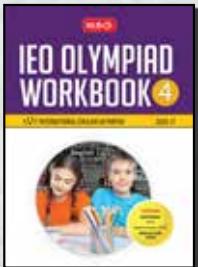
International Mathematics Olympiad



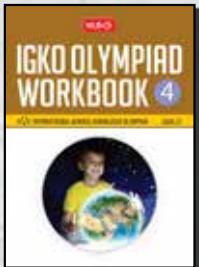
National Science Olympiad



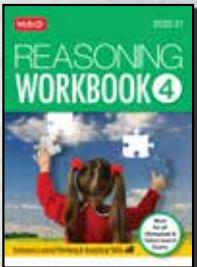
National Cyber Olympiad



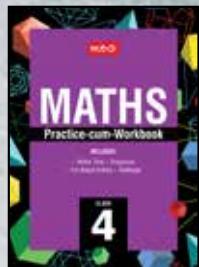
International English Olympiad



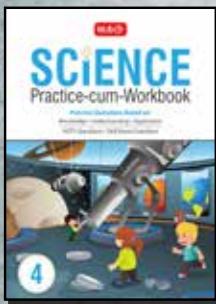
International General Knowledge Olympiad



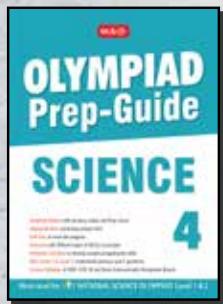
Reasoning



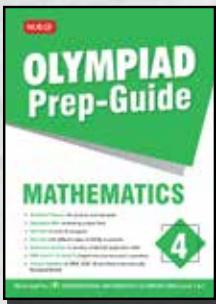
Maths Practice-cum-Workbook



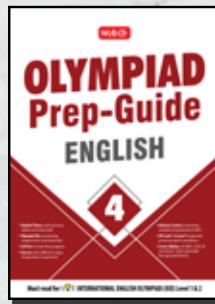
Science Practice-cum-Workbook



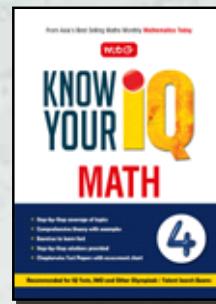
Olympiad Prep-Guide Science



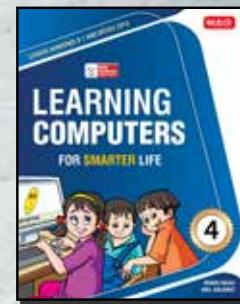
Olympiad Prep-Guide Mathematics



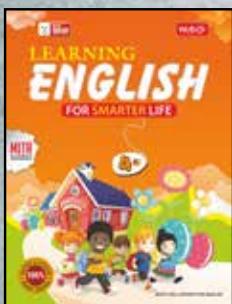
Olympiad Prep-Guide English



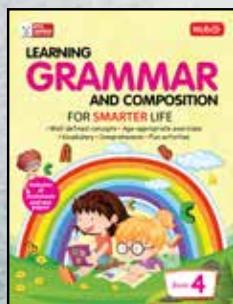
Know Your IQ Math



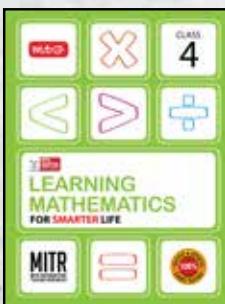
Learning Computers



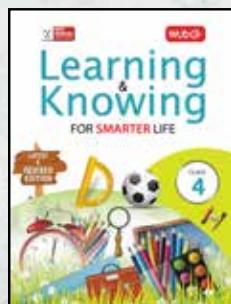
Learning English



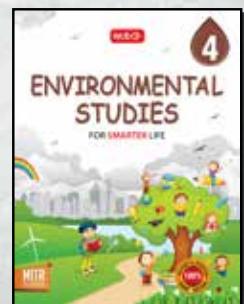
Learning Grammar



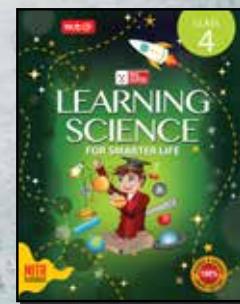
Learning Mathematics



Learning & Knowing



EVS



Learning Science

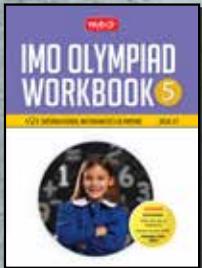
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

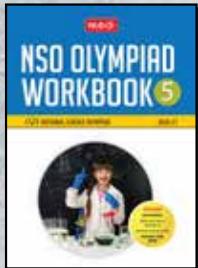
CLASS
5

For latest releases and revised editions

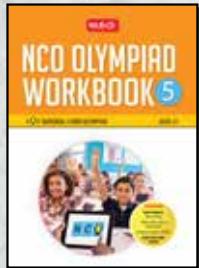
[CLICK HERE](#)



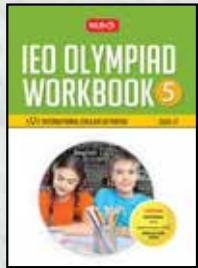
International Mathematics Olympiad



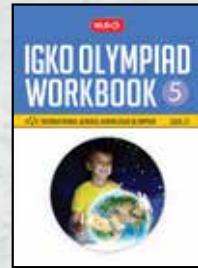
National Science Olympiad



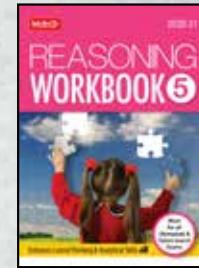
National Cyber Olympiad



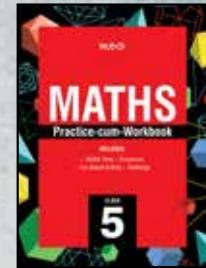
International English Olympiad



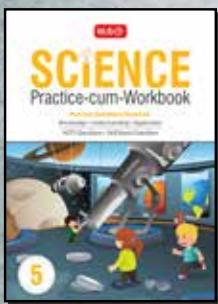
International General Knowledge Olympiad



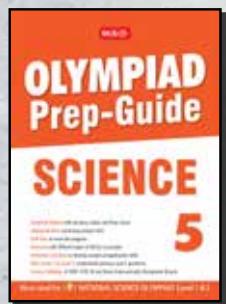
Reasoning



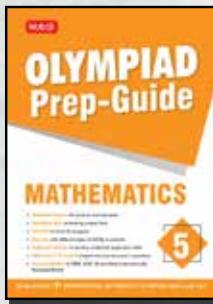
Maths Practice-cum-Workbook



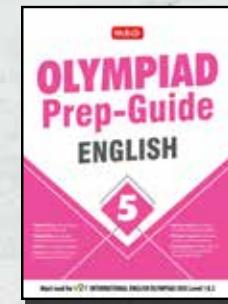
Science Practice-cum-Workbook



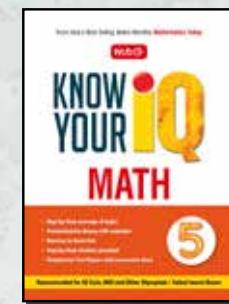
Olympiad Prep-Guide Science



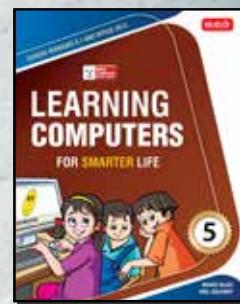
Olympiad Prep-Guide Mathematics



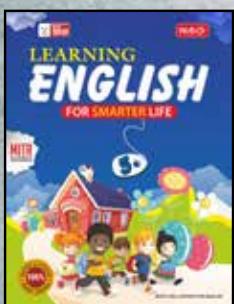
Olympiad Prep-Guide English



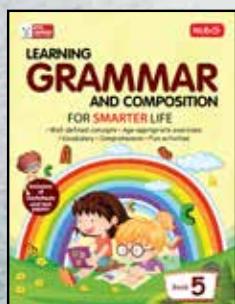
Know Your IQ Math



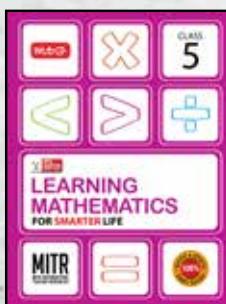
Learning Computers



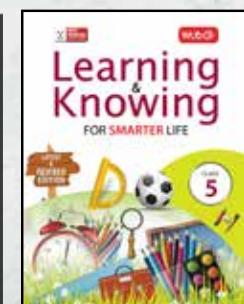
Learning English



Learning Grammar



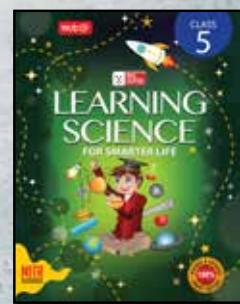
Learning Mathematics



Learning & Knowing



EVS



Learning Science

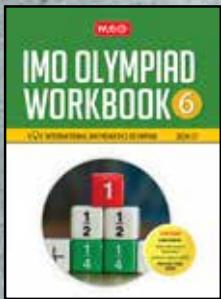
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

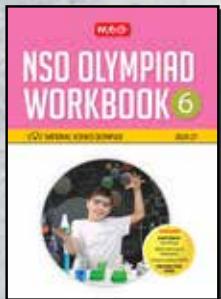
CLASS
6

For latest releases and revised editions

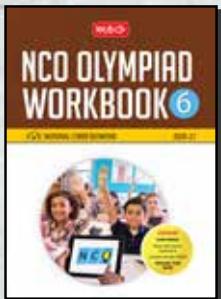
[CLICK HERE](#)



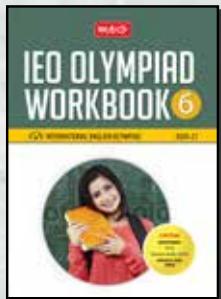
International Mathematics Olympiad



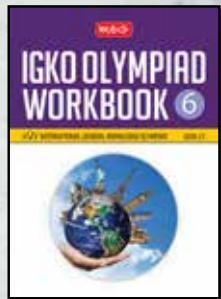
National Science Olympiad



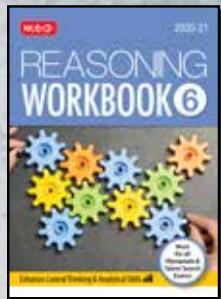
National Cyber Olympiad



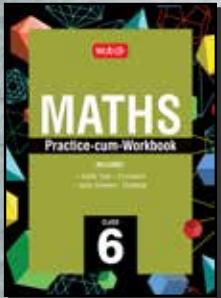
International English Olympiad



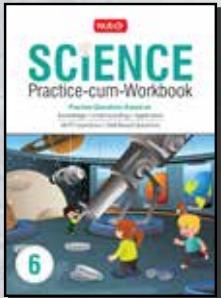
International General Knowledge Olympiad



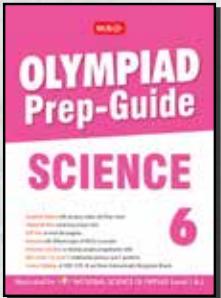
Reasoning



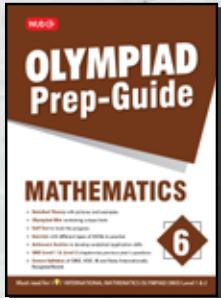
Maths Practice-cum-Workbook



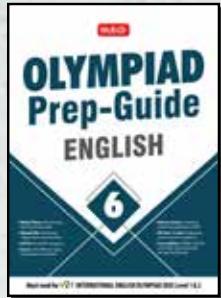
Science Practice-cum-Workbook



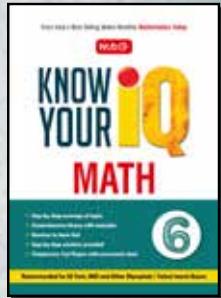
Olympiad Prep-Guide Science



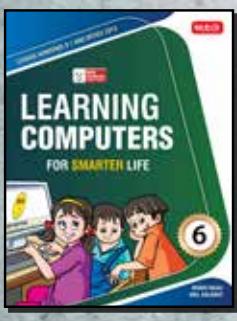
Olympiad Prep-Guide Mathematics



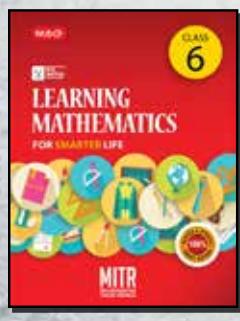
Olympiad Prep-Guide English



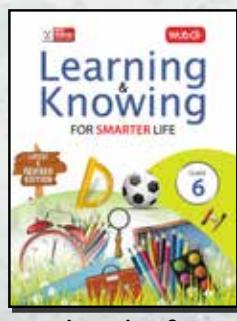
Know Your IQ Math



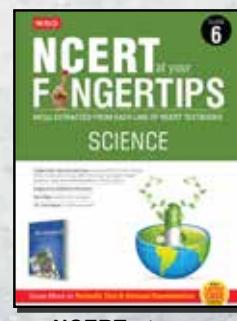
Learning Computers



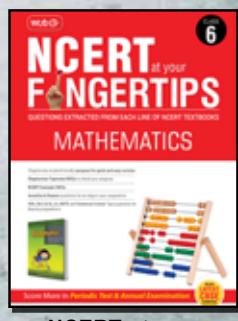
Learning Mathematics



Learning & Knowing



NCERT at your Fingertips Science



NCERT at your Fingertips Mathematics

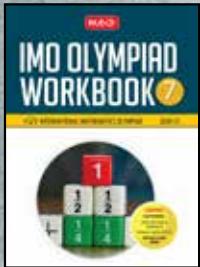
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

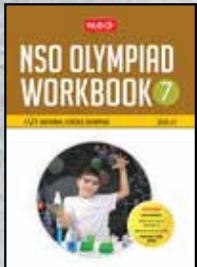
CLASS
7

For latest releases and revised editions

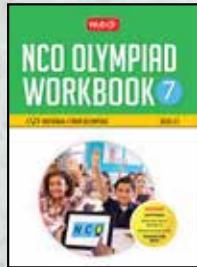
[CLICK HERE](#)



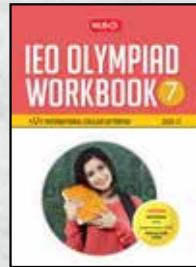
International Mathematics Olympiad



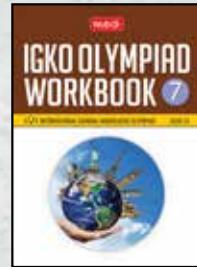
National Science Olympiad



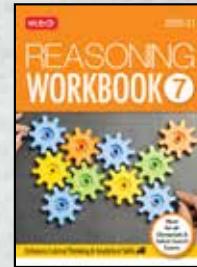
National Cyber Olympiad



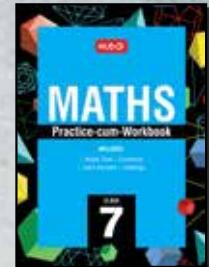
International English Olympiad



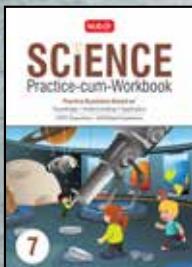
International General Knowledge Olympiad



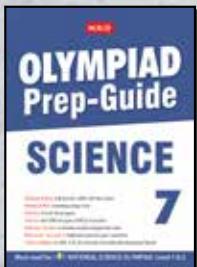
Reasoning



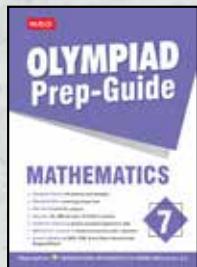
Maths Practice-cum-Workbook



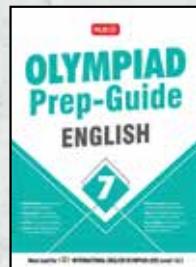
Science Practice-cum-Workbook



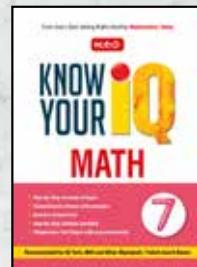
Olympiad Prep-Guide Science



Olympiad Prep-Guide Mathematics



Olympiad Prep-Guide English



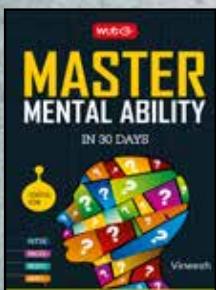
Know Your IQ Math



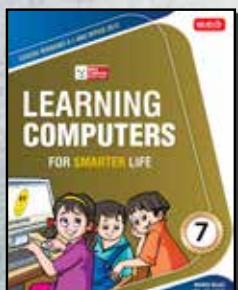
Math IQ Challenge



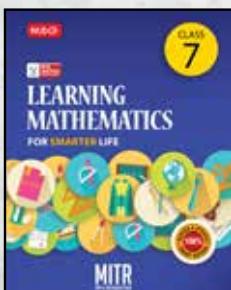
Science IQ Challenge



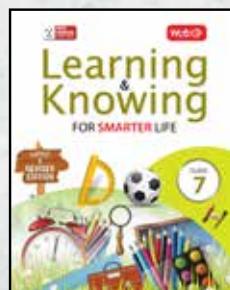
Master Mental Ability in 30 Days



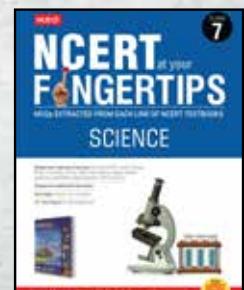
Learning Computers



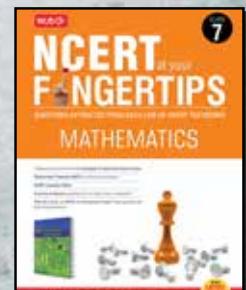
Learning Mathematics



Learning & Knowing



NCERT at your Fingertips Science



NCERT at your Fingertips Mathematics

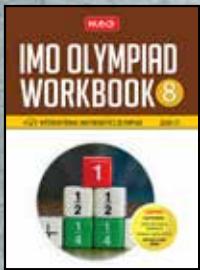
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

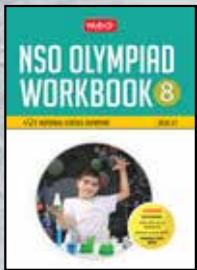
CLASS
8

For latest releases and revised editions

[CLICK HERE](#)



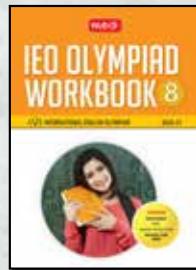
International Mathematics Olympiad



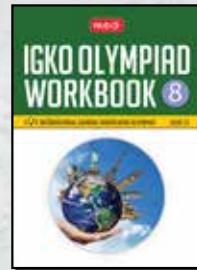
National Science Olympiad



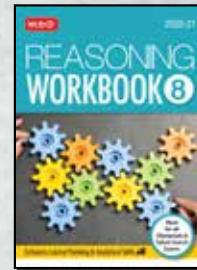
National Cyber Olympiad



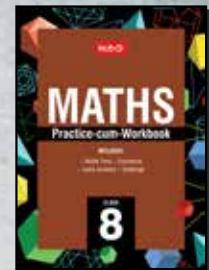
International English Olympiad



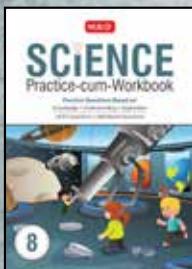
International General Knowledge Olympiad



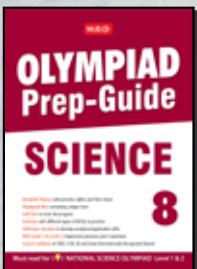
Reasoning



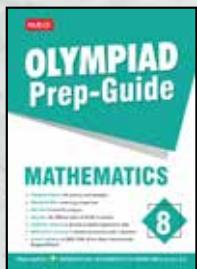
Maths Practice-cum-Workbook



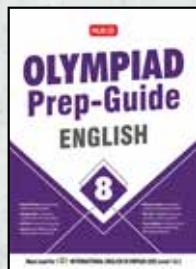
Science Practice-cum-Workbook



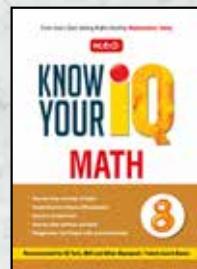
Olympiad Prep-Guide Science



Olympiad Prep-Guide Mathematics



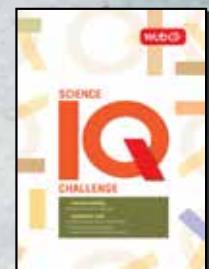
Olympiad Prep-Guide English



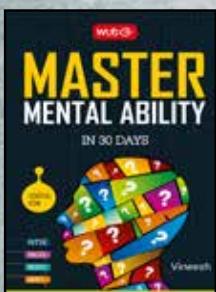
Know Your IQ Math



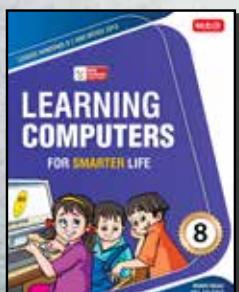
Math IQ Challenge



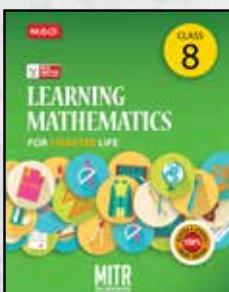
Science IQ Challenge



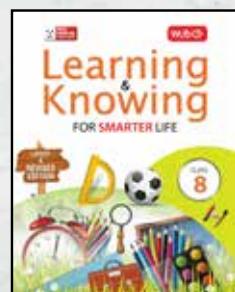
Master Mental Ability in 30 Days



Learning Computers



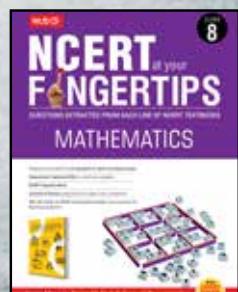
Learning Mathematics



Learning & Knowing



NCERT at your Fingertips Science



NCERT at your Fingertips Mathematics

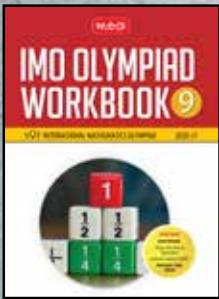
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

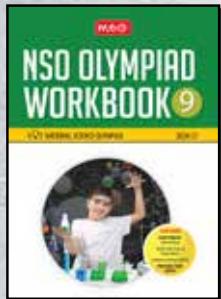
CLASS
9

For latest releases and revised editions

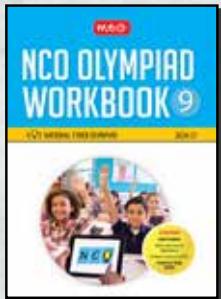
[CLICK HERE](#)



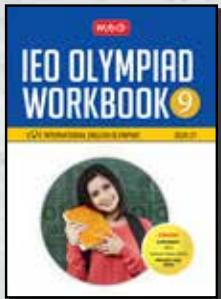
International Mathematics Olympiad



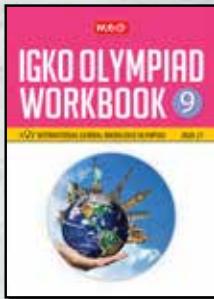
National Science Olympiad



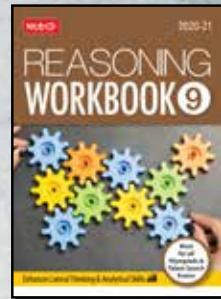
National Cyber Olympiad



International English Olympiad



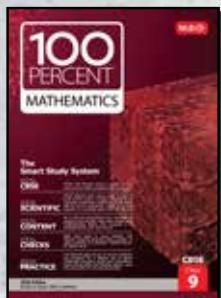
International General Knowledge Olympiad



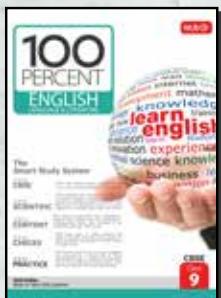
Reasoning



100 PERCENT
Science



100 PERCENT
Mathematics



100 PERCENT
English



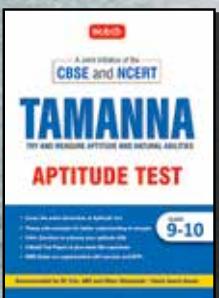
100 PERCENT
Social Science



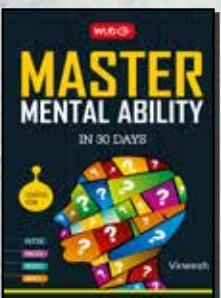
Math IQ
Challenge



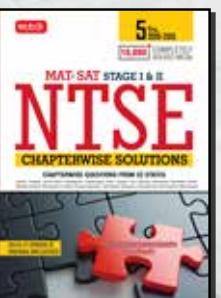
Science IQ
Challenge



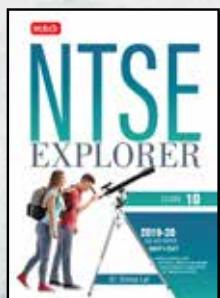
TAMANNA
Aptitude Test



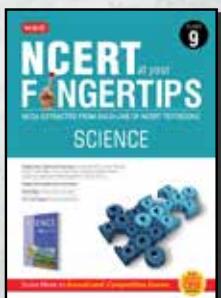
Master Mental
Ability in 30 Days



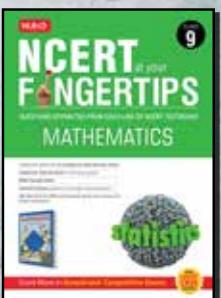
NTSE Chapterwise



NTSE Explorer



NCERT at your
Fingertips Science



NCERT at your
Fingertips Mathematics

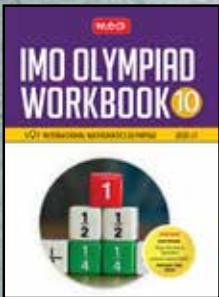
MTG WORKBOOKS / OLYMPIAD BOOKS

Check complete details on www.mtg.in

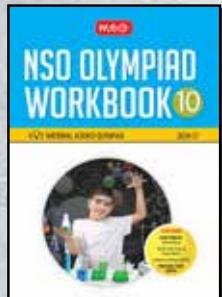
CLASS
10

For latest releases and revised editions

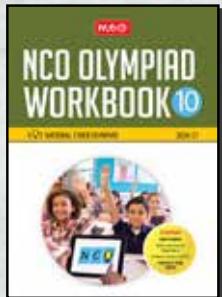
[CLICK HERE](#)



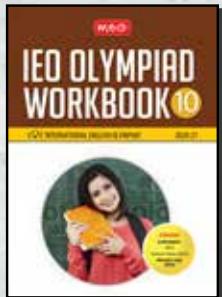
International
Mathematics
Olympiad



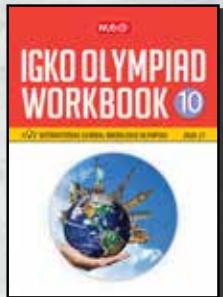
National
Science
Olympiad



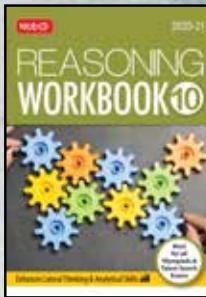
National Cyber
Olympiad



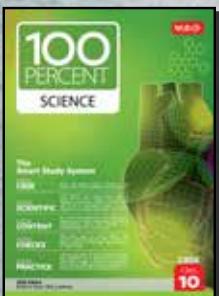
International
English
Olympiad



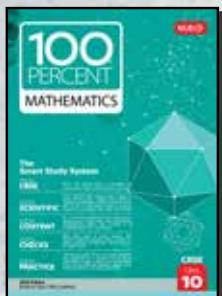
International
General Knowledge
Olympiad



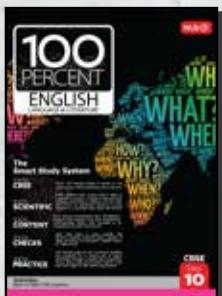
Reasoning



100 PERCENT
Science



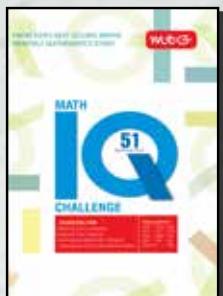
100 PERCENT
Mathematics



100 PERCENT
English



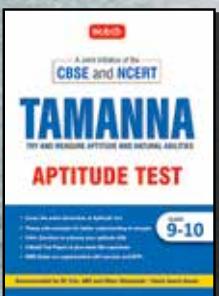
100 PERCENT
Social Science



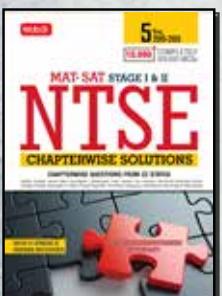
Math IQ
Challenge



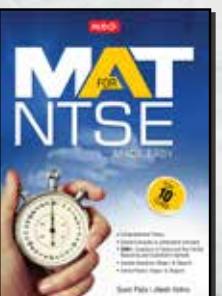
Science IQ
Challenge



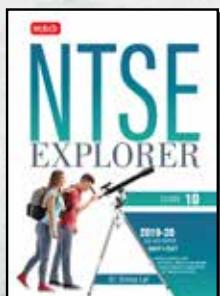
TAMANNA
Aptitude Test



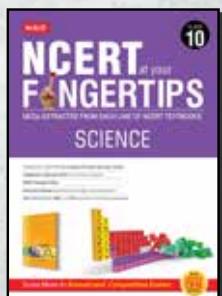
NTSE Chapterwise



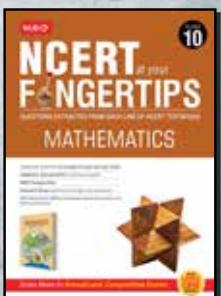
MAT for NTSE



NTSE Explorer



NCERT at your
Fingertips Science



NCERT at your
Fingertips Mathematics

NCERT

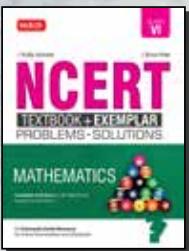
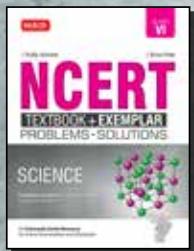
TEXTBOOK+EXEMPLAR PROBLEMS-SOLUTIONS

For Classes 6, 7, 8, 9, 10, 11 & 12

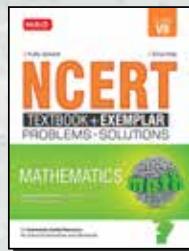
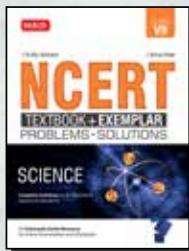
For latest releases and revised editions

[CLICK HERE](#)

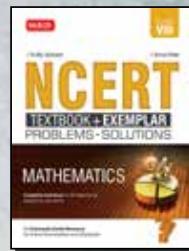
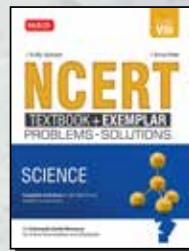
Class 6



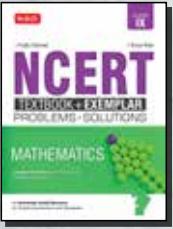
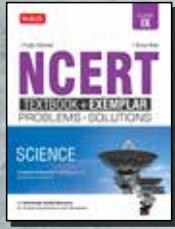
Class 7



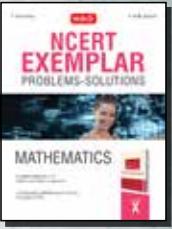
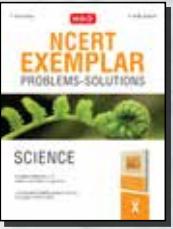
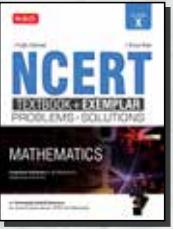
Class 8



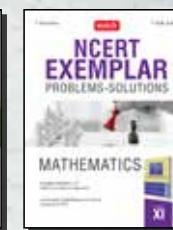
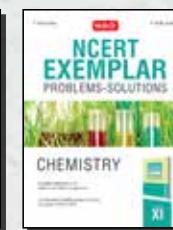
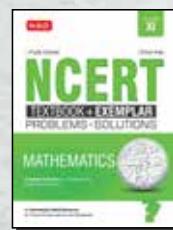
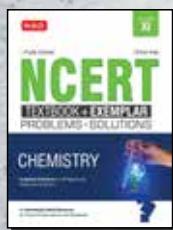
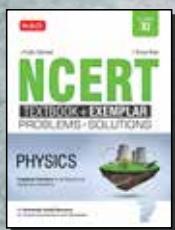
Class 9



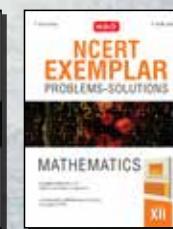
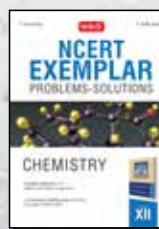
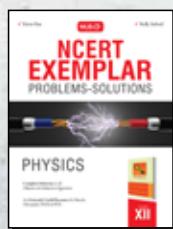
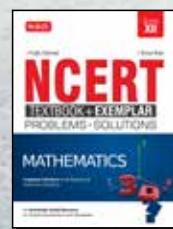
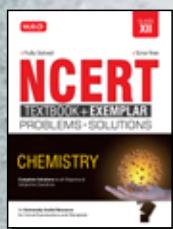
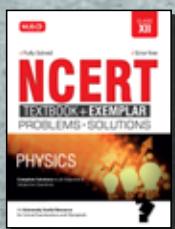
Class 10



Class 11



Class 12



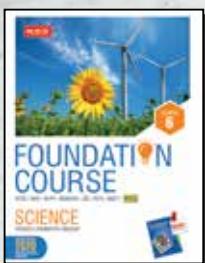
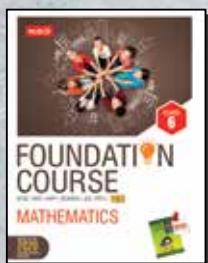
JEE (Main & Advanced) | NEET | BOARDS | OLYMPIAD | NTSE

FOUNDATION COURSE

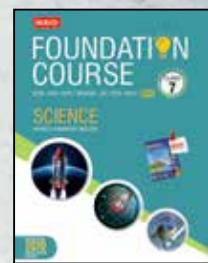
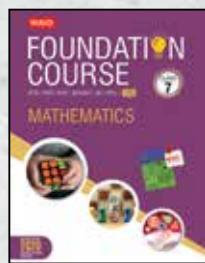
For Classes 6, 7, 8, 9 & 10

For latest releases and revised editions
[CLICK HERE](#)

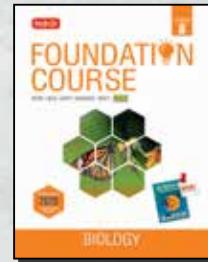
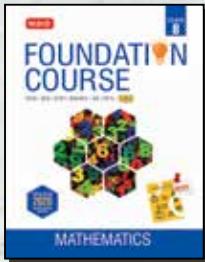
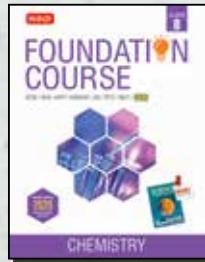
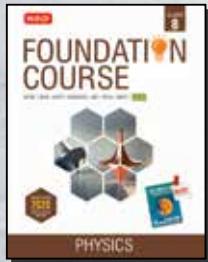
Class 6



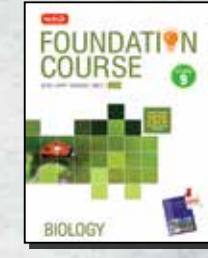
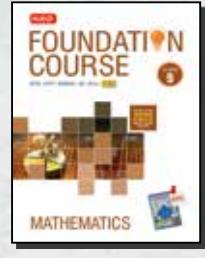
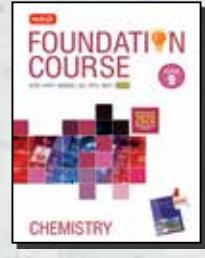
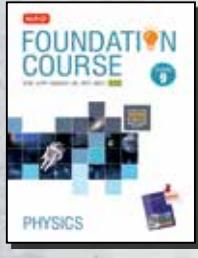
Class 7



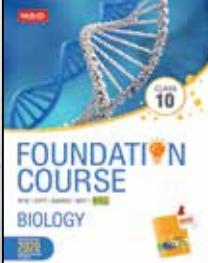
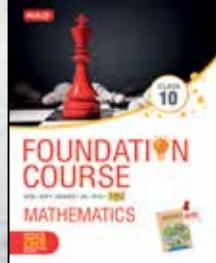
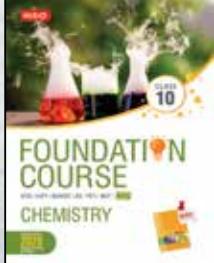
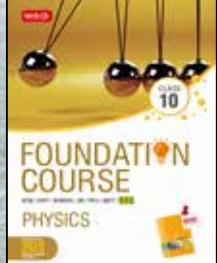
Class 8



Class 9



Class 10



CBSE CHAMPION

CHAPTERWISE-TOPICWISE

For Classes 10, 11 and 12

For latest releases and revised editions

[CLICK HERE](#)

Class 10



Class 11



Class 12



For Classes 10 & 12

ScoreMore

21 SAMPLE PAPERS

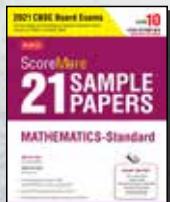
For latest releases and revised editions

[CLICK HERE](#)

CLASS
10



CLASS
12



OLYMPIAD Prep-Guide

For Classes 1 to 8

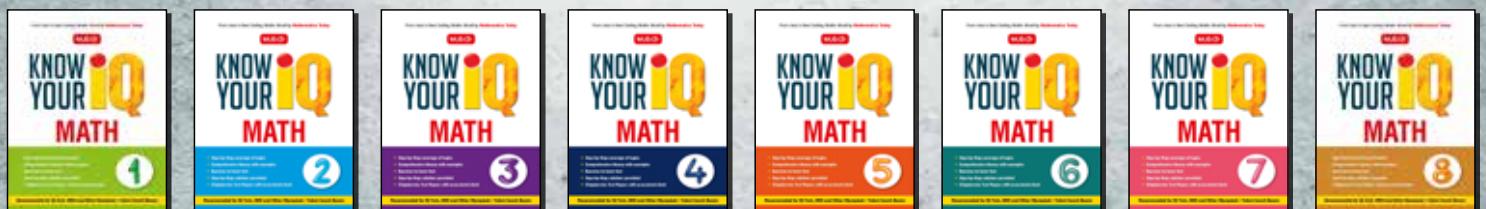
For latest releases and revised editions
[CLICK HERE](#)



For Classes 1 to 8

KNOW YOUR iQ MATH

For latest releases and revised editions
[CLICK HERE](#)



For latest releases and revised editions
[CLICK HERE](#)

mtG



Introducing

100 PERCENT

for Science, Mathematics,
English & Social Science

THE SMART STUDY SYSTEM

100%
CBSE

MTG's 100 Percent Series is based on the most current CBSE guidelines and curriculum

100%
SCIENTIFIC

MTG's editorial team knows what it takes to score more in exams - it keeps a close watch on changing examination patterns and has been able to put all ingredients critical to success together in a package aptly titled 100 Percent

100%
CONTENT

Be it easy-to-comprehend text, graphics, illustrations or concept maps that complement understanding theory and concepts is so straightforward with 100 Percent

100%
CHECKS

After each topic, in every chapter, 100 Percent presents students with a variety of Q&A, including "Try Yourself", "NCERT Focus" & "CBSE Focus"

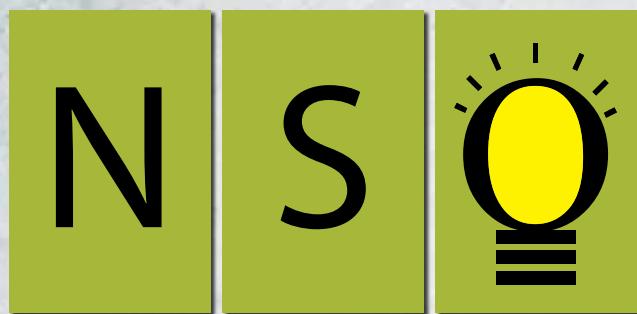
100%
PRACTICE

100 Percent goes all out to ensure students are prepared for a diverse set of future challenges through a variety like Competition Focus, Exam Drills and Practice Papers, even Viva Voce Q&A for lab-based experiments

Available
for CBSE
Classes
9 & 10

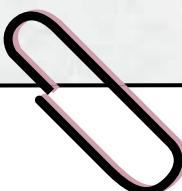


Available with all leading booksellers.



CLASS 5

Contents



- ☛ NSO - Level-2 (2016)
- ☛ NSO - Level-2 (2017)
- ☛ NSO - Level-2 (2018)
- ☛ NSO - Level-2 (2019)
- ☛ NSO - Level-2 (2020)