

Mathletics Teacher Quick Guide

Mathletics



Mathletics Library

Mathletics
Library
eBooks, exam revision
and problem solving
guides



The Mathletics Library provides access to hundreds of printables, including workbooks, collaborative games, problem solving, exam and revision eBooks.

Mathletics printables support curriculum goals and contain detailed instructions, examples, student activities and solutions.

- Use the filters to sort the available eBooks by grade and book type. The list of grades reflect the grade system of your region.
- Click **GO** to apply the selected filters.

The screenshot shows the Mathletics library interface. On the left is a vertical sidebar with icons for Home, Manage Students, Courses, Assign & Review, Results, Reports, Curriculum HUB, Settings, and Student View. The main area has a title "Mathletics library" and a "Filter for eBooks" section with dropdowns for Grades (K-12), Book type (Student, Teacher, Solutions), and UKSATs. Below this is a grid of 20 book covers, each with a title, subtitle, and category (Student, Teacher). The books include titles like "Problem Solving", "Geometry", "Measurement", "Numbers and Patterns", "Operations with Number", "Rich Learning Tasks", "Time, Money and Statistics", and "WALKING BACK AND FORTH".

Under each book you will find the level, title and whether it is a student, teacher or solutions book.

- Once you have selected an eBook, you will see a table of contents, as well as any corresponding eBooks.
- Click the **Download eBook**.

The screenshot shows a selected eBook page for "Kindergarten Numbers and Patterns TEACHER BOOK". It features two book covers: "Numbers and Patterns Student" and "Numbers and Patterns Teacher". To the right, there is a sidebar with links for "Teacher Book", "Answers", "Assessment", and "Outcomes". At the bottom, there is a "Download eBook" button.



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eBooks

The Mathletics eBooks are available for all levels, with each workbook targeting a specific topic. The student books contain questions, exercises and activities to provide instruction and reinforce mathematical concepts. The accompanying teacher and solutions books include answers and assessments. Where relevant, to supplement instruction, interactives and video content are embedded in the contents section of the relevant eBook.



Problem Solving eBooks

The problem solving eBooks are designed to guide learners in how to structure investigations and develop mathematical thinking. Problem solving eBooks include both a student and teacher solutions book to provide educators with multiple strategies. When selecting a strategy from the contents, you will be provided with instructional techniques and support along with guided and independent practice for students.



Rich Learning Tasks

Dr. Marian Small's Rich Learning Tasks are open-ended tasks where each question has multiple possible solutions to foster problem solving and reasoning skills. The student books contain the questions, while the accompanying solutions book contains the reasoning behind the tasks, lesson guides to facilitate and extend the learning and a rubric for assessing student responses. Videos and interactives, for use by the teacher on an interactive whiteboard, accompany most of these tasks.

Exam Revision eBooks

For grades 7 and higher, Exam Revision books give you access to the full student eBook, and a Solutions book comprising of an assessment and an answer sheet for that assessment.