

**SOUTH AFRICAN MATHEMATIC FOUNDATION**  
**MATHEMATICS OLYMPIAD RESOURCE MATERIALS**

The mathematics curriculum at South African schools provides valuable skills in dealing with numbers and studying geometrical objects using graphs, trigonometry, coordinate geometry and so on. However, for various reasons, teaching and assessment are inclined to treat many fundamental ideas superficially, so much so that non-routine problems are largely downplayed. The major function of mathematics is to make deductions and conclusions from pieces of information that are provided. How best to use the information in order to make conclusions, especially, a desired conclusion, requires a plan, a strategy and an approach. This is what **problem solving** is all about.

The South African Mathematics Foundation has several publications available to not only assist learners and teachers to prepare for the different rounds of the Olympiad, but also to incorporate problem solving in the classroom and to improve learners' higher order thinking skills - solving non-routine problems.

**Enjoying Mathematics 2: eBook (Questions and solutions 2001 to 2012 junior level)**

The questions and model answers of all three junior rounds from 2001 to 2012 have been categorised and compiled together to form this book. Learners and teachers can easily navigate from a question to the model answer. The publication is available as an eBook (on CD)

**A training manual for South African Mathematics Olympiads**

The manual is especially be useful for those who want to prepare for Round 1 and 2 of the South African Mathematics Olympiad. The book is divided in to three sections: Problems, Lessons and Solutions. An attempt is made in the lessons to cover the theory that is required for the solutions of most of the problems. The solutions are represented in such a way that most of the learners would understand them. The publication is available as an eBook (on CD).

**Enjoying Mathematics/Wiskunde Genot (Questions and solutions 1996 to 2001 junior level)**

The books represent an attempt to categorise the problems that have appeared in the Mathematics Olympiad into curriculum topics. Additionally the style of the book makes it accessible both to teachers and learners. The idea is that when teachers teach certain concepts they have an immediate source of problems in that area. It is envisaged that this tool will help stimulate greater interest in problem solving.

**Annual Report booklets of the South African Mathematics Olympiad**

Working through old question papers is one of the best ways to prepare for the Olympiad. Our annual report booklets consist of each year's question papers with a complete set of solutions.

**MAIL ORDER FORM**

**(This order form serves as a tax invoice)**

Please post your order with proof of payment to SAMF, Private Bag X173, Pretoria, 0001 or fax order and proof of payment to 012 392 9312 or e-mail the order and proof to [info@samf.ac.za](mailto:info@samf.ac.za).

NAME: .....

POSTAL ADDRESS: .....

.....

TEL: .....E-MAIL: .....

*Price includes postage, handling and 15% VAT. Parcels can be couriered at an additional cost of R100 for up to 2kg parcel within RSA.*

<b>Publication</b>	<b>Price</b>	<b>No of Copies</b>	<b>Annual Reports: Year</b>	<b>Payment amount</b>
Enjoying Mathematics 2 eBook (CD)	R230			
Enjoying Mathematics	R120			
Wiskunde Genot	R120			
Training Manual eBook (CD)	R230			
SAMO Annual Report Booklet (2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009,2010,2011, 2012, 2013, 2016,2017 & 2018)	R90			
SAWO Jaarverslagboekies (1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014 & 2015)	R90			
Courier within RSA – <i>optional</i>	R100	<i>We recommend you select this option if you want to receive your resources before SAMO's 1<sup>st</sup> round</i>		
<b>TOTAL</b>				
<b>Payment method</b>				
Cheque enclosed (payable to SAMF)				
Electronic transfer Banking details: SAMF, ABSA bank A/C number 4061037913 Hatfield branch 632005				
<b>For office use:</b>				
Date received:				
Date posted:				
Tracking no:				