

Organizer	Olympiad focus
<p>Eskom Expo for Young Scientists</p> <p>http://www.exposcience.co.za</p>	<p>SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS INNOVATION OLYMPIAD</p> <p>Eskom EXPO for Young Scientists (EXPO) is a practical, “grassroots” and higher-level enterprise that engages young people in project work in Science, Technology, Engineering, Mathematics and Innovation (STEMI). It is well positioned to develop the inquiring mind of the youth using research to ignite passion around science among our learners. EXPO functions at all levels ranging from the individual student in the classroom to the provincial education departments, and spreads out to tertiary education institutions, commerce and industry.</p>
<p>FEMSSISA stands for Foundation for English; Mathematics; Sciences; Sports and Innovation of South Africa</p> <p>http://www.femssisa.org.za</p>	<p>MATHEMATICS OLYMPIAD</p> <p>FEMSSISA organizes/participates in the following activities:</p> <ul style="list-style-type: none"> • Two Round Mathematics Olympiads from Grades One to Eleven • Mathematics Relays for Primary; Junior High and Senior High • Innovation Programmes in Mathematics; English and Sciences. • Teacher Development Workshops in Mathematics and Physical Sciences • International Mathematics Olympiads in under 14; under 16 and under 18. • International Mathematics and Science Olympiad for under 13 learners. • National Mathematics and Science Week 8. Publish resource materials in Mathematics and Physical Sciences. • International English Olympiad for grades 8 to 11 learners. • International School Sports Olympiad. • Service provider for e-learning.
<p>The South African Physics Olympiad, SAPHO</p> <p>Case Rijdsdijk Tel: +27 44 877 11 80 Cell: +27 83 444 24 94 case@saao.ac.za particles@mweb.co.za http://www.saip.org.za</p>	<p>PHYSICS OLYMPIAD</p> <p>The South African Physics Olympiad, SAPHO, started in 2005 as a pilot scheme, and is now an annual event managed by the SA Institute of Physics, SAIP. SAPHO seeks to identify students/learners with a good ability in Physics. Candidates are selected from each Province based on their performance in the SA National Youth Science Olympiad, SANYSO, run by the SA Agency for Science and Technology Advancement, SAASTA, that reaches up to almost 20 000 students/learners from around SA.</p> <p>The about 250 selected candidates are then invited to sit the SAPHO on the first Monday of the National Science Week each year. The top three candidates are awarded Gold, Silver and Bronze awards. All candidates receive certificates in three categories: Merit, Honourable Mention and Participation.</p> <p>In order to sustain and develop an interest in Physics, selected teachers are invited to attend a Teachers Workshop during the Annual SAIP Conference where they will gain experience in preparing their students/learners for the SAPHO. which will simultaneously enrich the knowledge of Physics.</p>

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<p>World Robot Olympiad www.wrosa.co.za</p> <p>Danie Heymans Tel : +27 (0)11 462 2581 Cell : +27 (0)82 659 1404 Official distributors of LEGO Education danie@handsontech.co.za www.handsontech.co.za</p>	<p>TECHNOLOGY ENGINEERING INNOVATION OLYMPIAD</p> <p>The World Robot Olympiad is a global LEGO Mindstorms Robotics Competition. This event combines the world of Science, Engineering, Technology and Education.</p> <p>It brings together young people from all over the world to develop their creativity, design and problem solving skills through challenging robot competitions and activities.</p>
<p>Conquesta Olympiads Lilly Hoogervorst Tel: (031) 764 1972 Fax: (086) 680 6367 Email: conquest@iafrica.com</p> <p>www.conquestaolympiads.com</p>	<p>MATHEMATICS SCIENCE TECHNOLOGY ENGLISH And other OLYMPIADS for grades 1-7</p> <p>Conquesta Olympiads was established in 1998 and has been running Olympiads around the whole of South Africa (and across her borders) since then.</p> <p>In 2015 there were over 81,000 learners who wrote our Olympiads nationally.</p> <p>Our Olympiads are written in August/September each year at the schools, invigilated by the teachers.</p> <p>There is no work for the schools – we provide EVERYTHING by courier, including personalised papers for the learners. After writing, schools send them back to Conquesta Olympiads and we mark the papers and courier the results back to the schools, together with a certificate for every single participant and one for the school to hang in their foyer.</p> <p>We also provide statistics for Maths, Science & Technology by learning area to identify strengths and weaknesses.</p> <p>http://www.astemi.co.za/wp-content/uploads/2015/01/CONQUESTA-2016-Eng-SA-Cost-Subjects-Writing-Dates-No-of-Questions-and-Time-Duration.pdf</p>
<p>SAASTA National Science Olympiad Brief</p> <p>www.saasta.ac.za</p>	<p>SCIENCE TECHNOLOGY ENGINEERING OLYMPIAD</p> <p>SAASTA’s National Science Olympiad is a project that was started in 1964, initially for grade 12 learners with the objective of promoting science. Now in its 52nd year, the competition continues to be one of SAASTA’s flagship projects. Since 2005, the project has been offering learners in grade 10 to 12 an exciting opportunity to compete and interact in the science arena with fellow learners from all nine provinces in South Africa, Southern African Development Community (SADC) countries such as Lesotho, Namibia and Zimbabwe and also their counterparts in Australia. The competition is an annual written examination comprising of two papers/streams: Physical Science (Physics and Chemistry) and Life Science (Biology). Learners can choose in which stream they want to compete and their schools enter them accordingly. The top performing learners and schools are then awarded based on excellence. The top national performers from several categories also stand a chance of receiving an all-expenses-paid trip to the London International Youth Science Forum and the Australian National Science Focus Week.</p> <p>The main focus of the competition is to encourage excellence in science education and to stimulate interest in the sciences. It further seeks to inspire young people to consider careers in science, engineering and technology (SET).</p>

Organizer

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MATHEMATICS OLYMPIAD

The South African Mathematics Olympiad (SAMO) is the biggest Olympiad in South Africa with over 82 000 high school learners participating each year. The Olympiad takes place over three different rounds during the year, in which learners have to progress to the next round. There are separate papers for the juniors and seniors. The junior division consists of separate papers for grades 8 and 9 and the senior division of one paper for grades 10 to 12.

SA Mathematics Challenge

With over 110 000 learners from more than 500 schools participate every year. The SA Mathematics Challenge questions are aimed at conceptual knowledge, the application of knowledge in new situations, problem solving, reasoning, communication and general mathematical thinking. It consists of a First Round and a Final Round, with separate papers for Grade 4, 5, 6 and 7. Each paper is an hour long and consists of 20 multiple choice questions.

Maths Team Competition

Each team enters two teams of ten: Junior (grades 8 and 9) and Senior (grades 10, 11 and 12), and may also enter B,C,D teams at each level. The first part of the Competition kicks off and is a one-hour individual problem paper, consisting of 20 problems in multiple-choice format. After a break the second part of the Competition takes place.

The second paper consists of ten quite difficult problems, but now the teams may work together and must submit just one set of answers. Papers are marked at once, and team's scores are phoned, faxed or e-mailed the SAMF office. When all scores are in, the rankings are sent back to the provinces.

Siyanqoba Regional Olympiad Training Programme

The training programme envisages addressing mathematical problems by providing Olympiad training in different centres throughout the country. The programme is offered free of charge to talented high school students throughout the country who show particular ability and interest in mathematics. It concentrates on developing problem solving skills and to expand training to other regions in the country.

Primary Teacher Problem Solving Course

Due to the fact that learners do not perform very well in the South African Mathematics Challenge and that teachers are often hesitant to guide the learners on Olympiad questions. The successful completion of this course will enhance appreciation for problem solving which in turn, may rub off onto their learners. The primary teacher problem solving course for grade 4 – 7 teachers which exposes them to a variety of problem solving strategies and techniques.

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	<p>MATHEMATICS OLYMPIAD (SAMF CONTINUE)</p> <p>Secondary Teachers Problem Solving Course The Secondary Teachers Problem Solving Course is aimed at improving teachers their skills in solving Olympiad type mathematical problems. There are two versions of the course. The live taught course (GET1 or FET 1) is a 32-hour short course that can be in any area of South Africa where a group of 15 to 20 teachers are interested. The DVD course consists of 4 levels: GET1, GET2, GET3 and FET1. It is mandatory for all teachers to do GET level 1 first as many of the strategies are expanded on in the GET level2 and FET level1. Teachers do receive certificates after completion of the course.</p> <p>Olympiad Training Programme The programme aims to identify talented mathematical minds and develop their talent through a series of assignments. The participants will learn mathematical problems-solving techniques and interesting mathematical concepts, which will also help learners to qualify and prepare for the third round of the South African Mathematics Olympiad. There are three levels of training: Beginner, Intermediate and advanced.</p>
<p>The African Natural, Life and Physical Sciences Olympiads</p> <p>www.scienceolympiad.co.za</p>	<p>LIFE SCIENCE PHYSICAL SCIENCE OLYMPIAD</p> <p>In keeping with our National Strategy to improve Science in our schools, NSO (SA Science Olympiads) caters for participation in 10 grades individually, from Grade 4 to Grade 11 (<u>Natural Sciences</u> for Grades 4 to 9, <u>Life Sciences</u> for Grades 10 & 11 and <u>Physical Sciences</u> for Grades 10 & 11). <u>Papers are grade specific</u> and are based on the core curriculum and also topics of National and International interest.</p>
<p>The National Zoological Gardens of South Africa</p> <p>www.nzg.ac.za</p>	<p>LIFE SCIENCE OLYMPIAD</p> <p>The National Zoological Gardens of South Africa is 85-hectare and houses 3117 specimens of live animals. The National Zoological Gardens of South Africa is the largest zoo in the country and the only one with national status. The total length of the walkways in the Zoo in Pretoria is approximately 6km. An Aquarium and Reptile Park also form part of the Zoo facility in Pretoria.</p> <p>The National Zoological Gardens has facilitated the annual Life Science Competition since 2011. As the funding has been provided from the NZG's limited internal budget, the scope was previously confined to schools in the City of Tshwane Metropolitan Municipality. The competition usually accommodates 60 learners from 20 schools. The opportunity to extend the competition regarding the number of learners participating as well as the broader geographical area to be reached is anticipated.</p>

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	<p>LIFE SCIENCE OLYMPIAD (NZG CONTINUE)</p> <p>It is the NZG's intention to grow the competition in future years to include the other NRF Facilities in the Biodiversity Cluster, namely SAEON and SAIAB. The competition is designed for grade 10 FET Phase learners from secondary schools. The structure of competition is based on the "coopetition" principle. Coopetition is a neologism coined to describe a "cooperative competition"; it is thus a portmanteau of "cooperation" and "competition". It allows individual participants to work together (i.e. a team of learners from the same school) as the various teams compete against others (i.e. teams from various schools). The event brings together learners from all backgrounds to share their work, emphasizing the involvement of schools in rural districts. Activities are based on grade 10 CAPS document.</p> <p>TARGET GROUP AND REACH: Participation is limited to:</p> <p>A. Learners:</p> <ol style="list-style-type: none"> Grade 10 learners only <p>B. Organization:</p> <ol style="list-style-type: none"> Public schools Science clubs based at public schools Science clubs based at science centers are recognized by DST.
<p>Peter Waker (FIITPSA) CEO: International Qualification Alliance Tel" +27 21 447 8450 ceo@iqa.co.za www.iqa.co.za</p>	<p>PROGRAMMING OLYMPIAD</p> <p>Talent Search: http://www.olympiad.org.za/talent-search</p> <p>Applications Olympiad: http://www.olympiad.org.za/applications-olympiad</p> <p>Programming Olympiad: http://www.olympiad.org.za/programming-olympiad</p> <p>University IT Challenge: http://www.olympiad.org.za/university-it-challenge</p>