



EMIRATES FUTURE INTERNATIONAL ACADEMY

MENTAL MATH COMPETITION -2022-23

Ref: EFIA/EXAM/CIR-48/2022-23

Date: 31-10-2022

Dear Parent

To develop competitive attitude at an early age and prepares foundation for future competitive examinations, Ignited Mind Lab conducts Mental Maths Competition for children of Grade 1 to 7. This program aims to develop interest in Mental Maths and improve speed & accuracy of solving problems. It is mandatory for all our students to attend this competition. The competition will be held on Tuesday 29th November 2022 during the school hours.

BENEFITS OF MENTAL MATHS COMPETITION TO CHILDREN

- It develops interest in Mental Maths
- Sharpens mind and improves thinking & analytical skills
- Provides lot of practice of solving variety of problems
- Significant improvement in speed and accuracy of solving Math problems
- Helps them to improve their score in school examinations
- Provides platform for showing their mathematical skills and compete with brilliant minds from different schools and regions

EXAMINATION DETAILS

- First round of competition will be held in school OFFLINE (OMR answer sheets)
- **Date : 29th November 2022**
- Duration - 1 hour Max. Marks - 100 for all grades
- All students shall receive admit cards which has login id and password by email. Hard copy will not be sent. Students can download app and practice mock test with their login details
- Results can be accessed online at www.ignitedmindlab.com/ae on the date mentioned on admit card
- All participating students will get Certificates.
- **Participation Fee for Grade 1 to 7 – FREE.**

HOW TO BUY STUDY MATERIAL? (Optional)

- Study material cost (hard copy) - AED 80 + 15 shipping
- Study material kit has 3 workbooks and one model paper which provide variety of sums for practice to improve speed & accuracy.
- You can buy study material online at www.ignitedmindlab.com/ae/buy-online
- Do not google for this website. Use the above link only
- Select your Grade and buy. Fill the form with all details and make payment.
- On successful payment, books will be delivered to your address within 3 - 4 days.

- For any query / problem, please write mail to support.me@ignitedmindlab.com Please do not contact school for online purchase related issues.

GRAND FINALE

- Grand Finale is inter-school national level round. Students scoring cut-off marks and above will be selected for Grand Finale. The details will be announced later.
- Participation Fee - Qualifying students have to pay AED 60 + VAT
- Duration - 45 minutes
- Negative marking - Half mark will be reduced for every wrong answer
- The winners will get trophies, cash prizes and certificates.

AWARDS FOR GRAND FINALE WINNERS*

- First Prize : AED 1500 + Trophy + Certificate
- Second Prize : AED 1000 + Trophy + Certificate
- Third Prize : AED 500 + Trophy + Certificate

* If there is a tie, first round marks will be considered to resolve the tie. If a tie for any position remains unresolved, ALL prizes for that Grade will be recomputed and distributed in such a way that First, Second and Third individual prize money is in the ratio of 3:2:1 The total prize money remains the same irrespective of how many students get the prizes and will be divided among the winners.

Disclaimer & Reservation of Rights

Due to covid pandemic rules, regulations and guidelines are changing at short notice. Ignited Mind Lab reserves right to change schedule, rules, format of competition, or cancel it to comply with rules or in the best interest of students in its opinion.

Regards



SAJI OOMMEN

Principal

Syllabus for Mental Maths Competition

KG 2 / Year I

Numbers, Number names, Counting the objects, What number comes between?, What number comes before and after given number?, Identifying biggest & smallest number, Count the sides of given shape, Comparison of numbers, Write the missing serial number, Addition, Subtraction, Tick the set that has more objects, Tick the set that has less objects, Write the given numbers from smallest to biggest, Identify the smallest, biggest, shortest, tallest or heavier object.

Grade - I / Year II

Numbers upto 100, Number names, Counting the objects, Place value (Tens & ones), Addition (upto 2 digits), Subtraction (upto 2 digits), Mixed operations, What number comes before? What number comes after? What number comes between? Find the missing number, Odd/Even number, Arrange numbers in ascending/descending order, Identifying biggest & smallest number, Comparison of numbers.

Grade - II / Year III

Number sense including ordinal numbers, Number names, Place value upto hundreds, Addition, Subtraction, Multiplication, Expanded form of numbers, Comparison of numbers, Mixed/chain sums, Odd/Even numbers, Form 3 digit largest/smallest number, Arrange numbers in ascending/descending order, Money, Find missing number, Number series/ sequence, Half & double of given number, Time.

Grade - III / Year IV

Number sense, Number names, Odd/Even/ Prime number, Properties of addition, Expanded form of numbers, Comparison of numbers, Place value and face value, Addition, Subtraction, Multiplication and Division of numbers, Roman numbers, Form largest/smallest 3 digit number, Arrange numbers in ascending/descending order, Money, Time and Calendar, Measurement (conversion), Number series/sequence, Half and double of given number, Identify geometric figure, Data Handling.

Grade - IV / Year V

Number sense, Place value and face value, Number names, Expansion of number, Addition, Subtraction, Multiplication and Division of numbers, Roman numbers, Divisibility rules, Form largest/smallest 4 digit number, BODMAS, Money, Time and Calendar, Fractions, Measurement (Metric conversion), Number series/sequence, Half, Double, Mensuration (square & rectangle), Comparison, Data Handling.

Grade - V / Year VI

Number system, Place value and face value, Addition, Subtraction, Multiplication and Division of numbers, Number series/sequence, Mixed operation, BODMAS, Use correct operator, Multiples, Fractions, Decimal numbers, Percentage, Average, Money, Time and Calendar, Profit and Loss, Measurement (Metric conversion), Mensuration, Unitary method, Half, Double, Comparison, Data Handling.

Grade - VI / Year VII

Number system, Place value and face value, Addition, Subtraction, Multiplication and Division of numbers, BODMAS, Number series/sequence, Fractions, Decimal numbers, Percentage, Money, Time and Calendar, Profit and Loss, Exponents, Laws of indices, Squares and Square roots, HCF and LCM, Ratio and Proportion, Unitary method, Average, Measurement (Metric conversion), Mensuration, Geometry, Algebraic expression, Simple linear equation, Comparison, Data Handling.

Grade - VII / Year VIII

Number system, Number series/sequence, Integers and their operations, Fractions, Decimal numbers, Percentage, Ratio and Proportion, Exponents, Laws of Indices, HCF and LCM, Simple linear equation, Unitary method, Money, Profit and Loss, Simple Interest, Average, Time and Calendar, Speed and Distance, Mensuration, Measurement (Metric conversion), Algebraic expression, Data Handling.

Higher Order Thinking questions from the above topics.