

17.7.2018

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*Invitation to participate in QUEST 2018*

*Dear Sir/Madam*

*Greetings from St.Mark's Sr.Sec.Public School, Meera Bagh!!*

*In our continuous efforts towards building a logical and rational generation, we invite you to be a part of our annual Inter School Science and Maths Festival - 'QUEST 2018' from 20.8.18 to 25.8.18.*

*This inter school event will provide a platform to students of classes VI to XII to showcase their analytical skills and develop a scientific temper. The term 'scientific temper' was used by Pt.Jawaharlal Nehru, in his book 'Discovery of India'. According to him, it goes beyond the domains to which Science is conventionally understood. It describes an attitude which involves logical and problem solving skills.*

*During Quest 2018, various activities based on Science and Maths will be held which will culminate with a grand exhibition. Details of various competitions and the rules are enclosed herewith. Your school's participation in this event is earnestly requested.*

*Looking forward to your positive response.*

*Thanking you*

*Yours truly*  
**FOR ST.MARK'S SR.SEC.PUBLIC SCHOOL**

**PRINCIPAL**  
**(ANJALI AGGARWAL)**

# QUEST 2018

## GENERAL RULES

- \* It is mandatory for all participants to be in white uniform.
- \* The name of the school is not to be revealed during the course of the competition.
- \* A student can participate in only one event.
- \* Participants should adhere to the time limit. Exceeding the allotted time may lead to deduction of marks.
- \* The participants along with escorting teacher should report by 8.30 a.m. positively on all the days.
- \* I, II and III prizes will be awarded to the winners and consolation prizes may be given to deserving participants as per the judges' discretion. Participation certificates will be given to all the participants.
- \* Kindly submit the entries online in the following format for all the competitions and Exhibition, on your school letterhead latest by 10.8.18.

S.NO	NAME OF PARTICIPANT	MALE/FEMALE	CLASS	FATHER'S NAME	NAME OF EVENT / EXHIBIT NAME (FOR EXHIBITION)
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- \* In all the events, marks will be awarded for Presentation, Content, Explanation & Viva Voce.
- \* The participating schools may also download the details of **Quest 2018** from our school website - [www.saintmarksschool.com/meerabagh](http://www.saintmarksschool.com/meerabagh)

Note: In case of any queries, you may contact the following :

*Mr. Sachin Arora (9811642495)*

*Ms. Adit Bedi (9871269494)*

*Ms. Neena Vivek Punj (9999990382 )*

*Ms.Ishita Barua (9891613353)*

The entries may be sent at the following mail id :- [quest.smsmb@gmail.com](mailto:quest.smsmb@gmail.com)

# QUEST 2018

## EVENTS AT A GLANCE

<b>CLASS</b>	<b>NAME</b>	<b>DATE</b>	<b>NO.OF PARTICPANTS PER SCHOOL</b>
VI	PRAKRITI AUR VIGYAN	20.8.18	1
VII	EUCLID'S PARADISE	20.8.18	1 TEAM (2 STUDENTS)
VIII	YANTRA MANTRA	20.8.18	1
IX	PUZZLE MANIA	21.8.18	1
X	PYTHAGORAS - THE MATHS QUIZ	21.8.18	1 TEAM (2 STUDENTS)
X	GYANOTSAV	21.8.18	1
XI	LET'S TALK	23.8.18	3
XI	THE ALPHA LEXICON	23.8.18	1
XII	GYAN VIGYAN - THE SCIENCE QUIZ	23.8.18	1 TEAM (2 STUDENTS)
IX	PRAयोगSHALA	25.8.18	1
XII	ALL IN BLOOM	25.8.18	1 TEAM (2 STUDENTS)
VI TO XII	IMAGINE-INVENT- INSPIRE	25.8.18	1 EXHIBIT PER CLASS, MAX.OF 2 STUDENTS PER EXHIBIT
VI TO XII	MATHAMAZING	25.8.18	1 EXHIBIT PER CLASS, MAX.OF 2 STUDENTS PER EXHIBIT

**QUEST EVENTS (2018-19)**

**FROM 20.8.18 TO 25.8.18**

**DATE – 20.8.18 (Monday)**

**CLASS VI - PRAKRITI AUR VIGYAN (SCIENCE BEHIND NATURE)**

- The participant has to speak about any natural phenomenon and the principle behind it.
- One student per school is allowed to participate.
- Time duration is 1.5 to 2 minutes.
- Any teaching aid may be used, except a PowerPoint presentation.

**CLASS VII - EUCLID'S PARADISE (DESIGN A BOARD GAME)**

- The participants have to design a board game using mathematical principles.
- One team comprising of two students per school can participate.
- Duration for designing the game is 2 hours.
- Each team should bring their own material for designing their game. The host school will only provide the electric connection (if required).
- Readymade dice can be used.
- Only the first twenty entries will be considered for this event.

**CLASS VIII - YANTRA MANTRA - THE MACHINE MANIA**

- The participant has to explain the principle, working and the utility of any machine of his/her choice.
- One student per school is allowed to participate
- Time duration is 2 to 2.5 minutes.
- Participants are allowed to bring the model/original machine for their presentation

**DATE – 21.8.18 (Tuesday)**

**CLASS IX - PUZZLE MANIA**

- The participants will be tested on puzzles like Sudoku, Crosswords, Rubic cube etc. in various rounds
- One student per school is allowed to participate
- Marks will be awarded on accuracy and all the rounds will be time bound
- After each round the selected students will move to the next round and there will be three levels to qualify for the final round

**CLASS X**

**GYANOTSAV (PRESENTING A RESEARCH BASED PAPER)**

- The participant has to give a detailed account of a scientific research work (paper presentation only) based on any one of the following themes :

**Life Science,**

**Environmental Science,**

**Physics & Engineering,**

**Mathematics & Computer**

- No powerpoint presentation is allowed
- One student per school is allowed to participate
- Time duration for the presentation is 4 to 5 minutes
- The research work should be the original work of the student

**CLASS X PYTHAGORAS - THE MATHS QUIZ**

- A written preliminary round will be conducted
- Thereafter, top 8 teams will appear for the final multimedia quiz
- One team comprising of two students per school is allowed to participate

**DATE – 23.8.18 (Thursday)**

**CLASS XI - LET'S TALK - THE SCIENCE DEBATE**

**TOPIC : GOING VEGAN-A HEALTHY CHOICE**

- Three students per school are allowed to participate, one FOR, one AGAINST and one as INTERJECTOR
- Time limit for each speaker is 3 mins.
- First bell will ring after 2.5 mins.

**CLASS XI - THE ALPHA LEXICON - SCIENCE ESSAY WRITING**

**THEME : TECHNOLOGICAL ADVANCEMENTS**

- One student per school is allowed to participate
- Word limit for the essay is 300 words
- The topic will be given on the spot

**CLASS XII - GYAN VIGYAN – THE SCIENCE QUIZ**

**TOPIC : SCIENTISTS – INVENTIONS, DISCOVERIES & PRINCIPLES**

- A written preliminary round will be conducted
- Thereafter, the top 8 teams will participate in the final multimedia quiz
- One team comprising of two students per school is allowed to participate

**DATE - 25.8.18 (Saturday)**

**CLASS IX - PRAYOGSHALA (ONE MINUTE ACTIVITY)**

- The participant will demonstrate an activity explaining the principle/law/theory involved.
- One student per school is allowed to participate
- The participant should bring the requisite materials (apparatus, chemicals etc), keeping in mind all the safety precautions and measures

## **CLASS XI - ALL IN BLOOM (FLOWER ARRANGEMENT)**

- Students should bring fresh flowers and other required display materials to make the arrangement.
- One team comprising of two students per school is allowed to participate
- Time duration for the competition is 45 minutes
- A suitable caption should be given to the flower arrangement

## **IMAGINE-INVENT-INSPIRE**

### **SCIENCE EXHIBITION - CLASSES VI – XII**

**SET-UP DATE – 24.8.18 (Friday)**

**MAIN EVENT & JUDGEMENT DATE – 25.8.18 (Saturday)**

- One exhibit per class is allowed.
- A maximum of 2 students per exhibit are allowed.
- **For setting up of the exhibit, the teams should report at 8.00 am sharp on 24.8.18 along with their teacher incharge.**
- Each exhibit should be supported with a chart (ivory sheet) **written vertically** showing the Title, Scientific Principle involved, diagrammatic representation and the utility of the exhibit.
- The teams are advised to bring all necessary materials like white bed sheets, markers, cello-tape, all-pins, drawing pins, glue stick, extension cord, double-sided tapes, staples etc. required for the proper display of their exhibit on 24.8.18. Use of portable cylinders, generators etc is not permitted.
- On 25.8.18, the participants should report sharp at 8 am. The judgement will start at 8.30 am.

## MATHAMAZING

### MATHS EXHIBITION

**SET-UP DATE – 24.8.18 (Friday)**

**MAIN EVENT & JUDGEMENT DATE – 25.8.18 (Saturday)**

#### **CLASSES VI – XII**

- One exhibit per class is allowed.
- A maximum of 2 students per exhibit are allowed.
- **For setting up of the exhibit the teams should report at 8.00 am sharp on 24.8.18 along with their teacher incharge.**
- Each exhibit should be supported with a chart (ivory sheet) **written vertically** showing the Title, Mathematical Principle involved, figure and utility.
- The teams are advised to bring all necessary materials like white bed sheets, markers, cello-tape, all-pins, drawing pins, glue stick, extension cord, double-sided tapes, staples etc. required for the proper display of their exhibit on 24.8.18. Use of portable cylinders, generators etc is not permitted.
- On 25.8.18, the participants should report sharp at 8 am. The judgement will start at 8.30 am.