

ACADEMIC FEAT

SYNOPSIS OF AISSCE 2017 CLASS XII RESULTS

NO. OF STUDENTS APPEARED	171		STUDENTS SECURING ONLY A1 GRADE	16	9.35 %
NO. OF STUDENTS PASSED	170	99.41 %	TOTAL NO OF A1 & A2	514	60.11 %
NO. OF STUDENTS FAILED	0	0.00 %	STUDENTS SECURING ONLY A1 & A2 GRADE	44	25.73 %
NO. OF STUDENTS COMPARTMENT	1	0.58 %	STUDENTS SECURING 5 DISTINCTIONS	70	40.93 %
NO. OF 1ST DIVISIONS	168	0.00 %	NO. OF DISTINCTIONS	625	73.09 %
STUDENTS WITH 90% AND ABOVE	48	1.17 %	AVERAGE ACHIEVEMENT	82.42 %	
TOTAL NO OF B1 & B2	212	24.79 %	HIGHEST PERCENTAGE	97.20 %	

HIGHEST PERCENTAGE



HUMANITIES

Snigdha Kamra
97.00%



COMMERCE

Aditi Jain
97.20 %



SCIENCE

Geetanshu Gupta
97.20 %

INSTANCES OF 100 MARKS IN DIFFERENT SUBJECTS

Harshita Rana XII D	PSYCHOLOGY	Sanya Khurana XII D	PSYCHOLOGY
Shivangi Kalra XII D	PSYCHOLOGY	Kshitij Jain XII C	BUSINESS STUDIES
	Nandan Goel XII C		ACCOUNTANCY

SYNOPSIS OF CLASS X RESULT 2016-2017

NO. OF STUDENTS APPEARED	185		TOTAL NO OF B1 & B2	323	35.30 %
NO. OF STUDENTS QUAL	183	98.91 %	STUDENTS WITH 10 CGPA	42	22.70 %
NO. OF STUDENTS EIOP	2	1.08 %	STUDENTS WITH ≥ 9.0 AND < 10.0 CGPA	43	23.24 %
TOTAL NO. OF A1	307	33.55 %	STUDENTS WITH ≥ 8.0 AND < 9.0 CGPA	55	29.72 %
TOTAL NO OF A1 & A2	557	60.87 %	STUDENTS WITH ≥ 7.0 AND < 8.0 CGPA	35	18.91 %
	AVERAGE CGPA	8.7 CGPA			

STUDENTS WITH CGPA 10

AARYANSH MOHAN BANSAL	KAPISH AGGARWAL	RIYA JOON
AGRIM CHOPRA	KARTIKEYA AGARWAL	SAKSHAM GARG
ALISHA MEHNDIRATTA	KHUSHI AGGARWAL	SEJAL GUPTA
APOORV GUPTA	KSHITIZ GOEL	SHOBHIN BANSAL
AYUSH GUPTA	MADHAV GUPTA	SHREYA JAIN
BHAVYA WAHIE	MANAN ANAND	SRISHTI SHEKHAR
DEVANSHI GOEL	MANAS PANT	SUSHANT GUPTA
DEVANSHI JAIN	MANVI JAIN	TANISH MITTAL
ESSHAAN MAHAJAN	MEGHNA CHUGH	TANVI BHANDARI
GARV MANCHANDA	MIHIR JOSHI	VAIBHAV GARG
GAUTAM SACHDEVA	MISHIKA GOEL	VAIBHAV RAJ SAHNI
HARDIK AGARWAL	PRACHI GARG	VANSH RAINA
HARSHIL KWATRA	PRANJAL SHARMA	YASHASWINI SINGH CHAUHAN
HARSHITA PANDEY	RASHI	YATIN MIGLANI

SCIENCE AND ARTS : A MAGNIFICENT MERGER

An Array of Interschool Competitions

RENDEZVOUS WITH CHEMICALS

The Chemical Conversation



Rendezvous with Chemicals was organized for the students of Classes IX-X. Each team enacted an interview of a chemical entity. The interview highlighted the physical and chemical properties or behavior of the entity. One of the participants played the interviewer and the other the entity. Most of the teams used AV presentations as backdrops during their performances. Some teams also used props to enhance their presentations. The event was judged by Ms. Shweta Singh and Ms. Namrata Markan. The winners of the competition were:

I CRPF ROHINI
II G.D. GOENKA PUBLIC SCHOOL, ROHINI
III DAV, SRESHTHA VIHAR

The Winning Streak



The winner of the Overall Trophy was
BAL BHARATI PUBLIC SCHOOL, GANGARAM HOSPITAL MARG.

From the Principal's Desk



Dear All

It's a moment of pride for Bal Bharati Public School, Rohini, as we launch the Chemistry Club named "Quarks" for the students of classes VIII to XI.

Though a plethora of science activities are already being organized in the school, the specific purpose of launching Chemistry Club was primarily due to the unpopularity of the subject and the misconceptions associated with one's performance in it. It's a common myth that Chemistry is a subject that needs to be memorized well just before an assessment and reproduced on the answer script in the examination hall. What pains me is the lack of understanding, lack of connect with the real world and the inability to apply the subject to almost everything surrounding us. I wish that the learners would be able to visualize the concepts in Chemistry, like electronic movements, molecular collisions, spatial arrangements, angle strains etc. to understand the beauty of the subject. Once this is achieved, memorization, retention and application of concepts becomes an easy task. It's with this vision that the club is being launched in the school. We aim to fuse concepts in Chemistry with co-scholastic domains both performing arts like music, dance, drama and visual arts to design innovative activities aimed to enhance students' understanding of the subject.

At the same time, the club activities will aim at keeping students abreast with the latest in the field of Chemistry and it's applications in day to day life. I wish all the club members and office bearers an enriching journey under the guidance of their mentor, Ms. Bandhana Sharma, Vice Principal.

I also extend my heartiest congratulations to all the students of Class X and XII for making our hearts swell with pride with their outstanding academic performances in the CBSE examinations.

GEETA GANGWANI
PRINCIPAL

INAUGURAL OF CHEMISTRY CLUB



INVESTITURE CEREMONY

The Investiture Ceremony of the Prefectorial Board, 2017 was held on 13.07. 2017 (Senior Deptt.) and 18.07.2017 (Primary Deptt.) in the special morning assemblies. The prefects and office bearers of the Prefectorial Board, 2017 and the house captains received their badges from the Principal, Ms. Geeta Gangwani. All the felicitated members of Prefectorial Board and House Captains took the Oath to abide by the rules and regulations of the school and bring greater glories. The Principal encouraged the students to work together and wished them well.



Primary Department



Middle & Senior Department

LEADERSHIP CAMP FOR PREFECTORIAL BOARD

The school organised a Leadership Camp for the Prefectorial Board, 2017 on 15th July, 21st July & 29th July, 2017 in the school premises to ensure that the selected Prefects are adequately empowered to take upon the responsibilities with expertise and efficiency. The session was conducted by Mr. Kunal Arora, Co-founder, 'The Education Tree', a leading Youth Training agency. Mr. Arora, a TED Ex speaker is a leading trainer for Student Leadership and Personality Development. His programme comprised of training on the fundamental skills like Communication Skills, Decision Making, Conflict Management, Teamwork, Trust Building, SWOT Analysis and Self Development. Mr. Arora conducted the sessions in the most engaging and interactive manner using tools from Theatre, Psychology and Arts.





An Opportunity to be Extraordinary...

We all are made of chemicals and everything around us is made of chemicals. Everything we hear, see, smell, taste, and touch involves chemistry and chemicals (matter). Many of the changes we observe in the world around are caused by chemical reactions. Chemistry is not limited to beakers and laboratories. Chemistry is present in every aspect of life and the better we know Chemistry, the better we know our world.

BBPS Rohini takes immense pride in launching for the first time in the history of our school, the Chemistry Club-QUARKS. The office bearers of the club will be engaged in year round activities to promote an interest in learning of Chemistry and Science in general among the students. The Club has been particularly named as Quarks, fundamental particles of matter which may not be easily understood as atom or subatomic particle but the name in itself rings a bell in the mind and makes everyone more curious to learn more about the Wonders of Chemistry.

I would like to expound some tenets that we follow at our school to make the learners extraordinary in their lives.

- **New Thinking for a New World**
Learning through example of everyday life and thereby critically analyzing, visualizing and making connections and thinking creatively. Also, to engage the learners in computational thinking.
- **Evolution of Scientific Thought: Equipping the Next Generation Scientist**
Exploration of the interplay between mathematics, science and technology and their evolution.
- **Work Like a Scientist : Blending Theory with Experiments**
Learning quantitative appreciation through experiments and observations and honing this art through data collection, data analysis, model building and model verification.
- **Make a Maker : Head, Heart and Hands towards Creative Technology**
Helping the students combine principles of user interaction with cutting edge technology through inquiry based hands on learning experiences.

These and many more efforts being made by the school in the direction of science education will build the essential scientific temperament and a liking for the area of study.

BANDHANA SHARMA
(VICE PRINCIPAL)



IN CONVERSATION with the Chemistry Club President



(Left : Interviewer, Saumya Johar, IX-B
Right : President, Chemistry Club,
Kashish Kalra, XI-B)

QUICK QUIZ ...

Q1. Name the first element named after a scientist while he was still alive.

Q2. Which is the seventh state of matter?

Q3. Name the allotrope of carbon having a large spherical molecule consisting of a hollow cage of sixty atoms.

Q4. Name the polymer used in making baby diapers.

Q5. Name the strongest inorganic acid.

Answers :
1) Seaborgium (Atomic No. 106)
2) Gluon Plasma (a quark)
3) Fullerene
4) Polyacrylonitrile
5) Carborane Supercritical H₂ (CHB₁₀Cl₁₁)

Q1. How will students benefit from this Club?

- ♦ We deal not only with the academic part of the subject but would be keen on satiating students' curiosity about everyday phenomena. Science is not just about 'WHY?' but it's also about 'WHY NOT?'

Q2. As the President of the Chemistry Club, what events and activities would you like to schedule for the year ahead?

- ♦ As the president of the Chemistry Club, I would like to plan workshops, quizzes and fun activities to engross more and more students in the coming year. The topics that would be of special interest are Water Chemistry, Special effects - How chemistry makes people wonder, Food and Chemistry behind cooking, celebrating Mole Day, Career Planning in the field of Chemistry (workshops) and Chemistry of Fabrics.

Q3. How is chemistry important for a non-science student?

- ♦ Chemistry is not just limited to Labs and textbooks. All matter is made of chemical particles. Physical and chemical phenomena occur at all times, even when we breathe, eat or just sit and read. Chemistry then becomes the quintessential science in everybody's life and with its know how, the world becomes more reasonable and comprehensible.

Q4. What would you advise to the students who fear chemistry?

- ♦ Students have to overcome their fears and love chemistry for it rules the world. It is an ever evolving and absolutely experimental science. I believe, if instead of cramming, they would try to understand the phenomena and reactions of daily life, Chemistry would be a lot more fun.

SCIENCE AND ARTS : A MAGNIFICENT MERGER An Array of Interschool Competitions

BBPS Rohini launched the inimitable Chemistry Club "Quarks" on 19 July 2017. Principal, Ms. Geeta Gangwani and Vice Principal, Ms. Bandhana Sharma with their subject expertise, acquainted the judges, enthusiastic participants and escort teachers about the Club. Ms. Bandhana Sharma gave an engaging AV presentation on Quarks – the fundamental particles of matter.

The Jury members who graced the occasion with their benign presence are connoisseurs from the field of Chemistry. The jury members were Ms. Shweta Singh (MSc Chemistry, associated with Study mate Helpline), Dr. Vandana, (Gold Medalist in MSc Chemistry, Assistant Professor in Dyal Singh College, DU), Mr. Ajay Choudhary (PGT Chemistry with Pratibha Vikas Vidyalaya) and Mr. Vimal Sharma (MSc Chemistry, Director, Crystal Academy)

In the judgement of the events the panel was assisted by Mr. Nirmlaya Banerjee (TGT Art, BBPS Rohini) and Ms. Namrata Markan (PGT English, BBPS Rohini).

The different Interschool competitions organized on this day were truly in the spirit of widening the scope of learning.



ART MEETS SCIENCE Wonders with Glassware

Wonders with Glassware was conducted for the students of Classes VI-VII to amalgamate science with art. The teams were provided with a variety of Chemistry apparatus to make decorative masterpieces. Each team was allowed to use maximum ten pieces of the apparatus of their choice from the bulk made available to them. The team members also described the piece made by them to the judges. The event was judged by Mr. Ajay Singh and Mr. Nirmlaya Banerjee. The winners of the competition were:

- I BAL BHARATI PUBLIC SCHOOL, JHARLI
- II DELHI PUBLIC SCHOOL, INDRAPURAM
- III BAL BHARATI PUBLIC SCHOOL, GANGARAM



SCIENCE AND ARTS : A MAGNIFICENT MERGER An Array of Interschool Competitions

CHEMICAL COMBAT Face Off of Chemical Entities

Chemical Combat was organized for students of Classes XI-XII. Each team was required to present a role play between two opponents personifying the terms or processes of any pair of terms or processes from the given list. Through the role play the teams highlighted the definitions, properties, relevance, and differences etc. between the terms / processes. The participants used props and charts to enhance their presentations. The event was judged by Mr. Vimal Sharma and Dr. Vandana. The winners of the competition were:

- I APEEJAY SCHOOL, PITAMPURA
- II SPRING DALES, DHAULA KUAN
- III RAMJAS SCHOOL, PUSA ROAD



SCIENCE PROBE A Quest Trail

Science Probe – a two phase brain racking competition was organized for the students of Classes VIII. In Stage I, each team was given a questionnaire consisting of 20 MCQs with 4 options, one evaluation based question and one synthesis based question. Top six teams qualified for Stage II - Concept Map Making. In Concept Map Making, each team got the same set of 20 clues to create a concept map on the topic 'Particles of Matter' using connecting words and arrows on A3 size sheet and gave a suitable title to the map. The concept maps were then displayed on the board. The event was judged by Mr. Ajay Singh.

The winners of the competition were:

- I BAL BHARATI PUBLIC SCHOOL, PITAMPURA
- II APEEJAY SCHOOL PITAMPURA
- III DELHI PUBLIC SCHOOL, INDRAPURAM

