



# EAST POINT SCHOOL

## NEW DAWN- Charting a Beginning

CLASS X Newsletter

August 2021



# GLIMPSES

## ACADEMIC STATION

- EUREKA – CSP Activity and Making of 3 D structure of covalent compounds
- SOCIO – ISA ACTIVITY (MUN) TOPIC – ZERO HUNGER
- English-Collage Making: 'Glimpses of India'.

## CO SCHOLASTIC ARENA

- Special Assembly on Independence Day
- Virtual Tour: The Great Pyramid of Giza
- Orientation Programme for Class X
- Free Art- Pandemic Free India
- Special assembly on rain water harvesting and Onam celebration

## TÊTE-À-TÊTE

- PARENTS
- TEACHERS
- SCHOLARS

## WARM WISHES

- BIRTHDAY WISH

## GOING THE EXTRA MILE





























- WORKSHOPS / ENRICHMENT PROGRAMME FOR TEACHERS



**ACADEMIC STATION**

# EUREKA

## Making of 3 D structure of covalent compounds

 <p>RAVI KUMAR SAH</p>	 <p>YASHASVI C</p>	 <p>RUDRA NEGI</p>	 <p>AYUSH KUSHWAHA</p>	 <p>RUDRA NEGI</p>	 <p>RAVI KUMAR SAH</p>				
 <p>ADYA ARGHA</p>	 <p>HIMANSHU SAINI</p>	 <p>ADYA ARGHA</p>	 <p>HIMANSHU SAINI</p>	 <p>ADYA ARGHA</p>	 <p>LOKESH KUMAR</p>				
 <p>LOKESH KUMAR</p>	 <p>RIDHIMA SHAH</p>	 <p>LOKESH KUMAR</p>	 <p>AADYA PANDEY</p>	 <p>RIDHIMA SHAH</p>	 <p>AADYA PANDEY</p>				
 <p>TUSHAR C...</p>	 <p>PIYUSH DE...</p>	 <p>PRANAY K...</p>	 <p>TUSHAR C...</p>	 <p>PIYUSH DE...</p>	 <p>PRANAY K...</p>	 <p>TUSHAR C...</p>	 <p>PIYUSH DE...</p>	 <p>PRANAY K...</p>	



10-A

**Biology**  
subjects Enrichment  
Activity

Yash Gupta

1. What things do plants compete for?  
Ans. Plants compete for light, water, minerals and root space.
2. How do plants compete with one another?  
Ans. Plants compete with one another by growing quickly to reach it and often shade other plants with their leaves. When an old tree in a forest dies and falls to the ground, there is a race to fill in the gap in the canopy. It doesn't look like a race to us because it happens slowly.
3. What are two ways plants competing with one another?  
Ans. Two ways plants compete for their resources with one another are:  
(i) Nutrients, water and light each differ in their properties, which generate unique ways that plants compete in still developing.
4. How do plants avoid competition with each other?  
Ans. Competition between plant species is a relationship between plants in which one harmed when both are trying to use resources related to growth, reproduction and survivability.

1. What things do plants compete for?  
Ans. In general nutrients, water and light are the three main classes of resources that limit plants. Including CO<sub>2</sub> are considered to be the resources that plants compete for.

2. How do plants compete with one another?  
Ans. Plants compete for light by quickly growing to reach for it & often shade other plants with their leaves. When an old tree in a forest dies and falls to ground, there is a fall, big race to fill in the gap in the canopy. It doesn't look like a race to us because it happens slowly.

3. What are the two ways plants compete with each other?  
Above ground competition in plants occurs both above & below ground. For example, nutrient competition has selected for plants to maintain higher root length & light competition has plants that are taller, with deep in height involves the absence of competition. Light is supplied from above plants, individuals that attract their leaves above those of



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Above ground competition in plants occurs both above and below ground. For example nutrient competition has selected for plants to maintain higher root length and light competition has plants that are taller, with deep in height involves the absence of competition. Light is supplied from above plants, individuals that attract their leaves above those of competitors benefit directly from increased photosynthetic rate and indirectly by reducing stress on the plants.
4. What is meant by competition between plant species?  
Competition is generally understood to refer to the negative effects on plant growth or fitness caused by presence of neighbours, usually by reducing the availability of resources.

Topic: \_\_\_\_\_ Date: \_\_\_\_\_

is still developing

4. How do plants avoid competition with each other?  
Competition between plant species is a relationship between plants in which one harmed when both are trying to use resources related to growth, reproduction and survivability.
5. Do plants kill each other?  
Yes, for growth, nutrition, sunlight; some plants release harmful chemicals to prevent other plants from growing too close to them.
6. How do plants avoid competition with each other?  
To avoid competition with their offspring, plants use animals, wind and other mechanisms to disperse their seeds or spores away from the parent plants.

Mimanshu Saini  
10-B

SCIENCE

X

August, 2021

**Note to the teacher:** This module deals with Plants.

**Curriculum Link:**  
• Plants

Ref: 'Plants cooperate ..... limited', (HT PACE Edition July 06, Pg. 05)

## Plants cooperate with each other in places where light, resources are limited

Asian News International

**LONDON** - The scientists at the John Innes and the University of Bristol have discovered how plants cooperate and manage to live alongside each other in places where light and other resources are very limited. Typically, moderate shade or even the threat of shade causes plants to elongate to try to out-grow the competition.

But in the deep gloom of a dense forest or a cramped crop canopy where resources and photosynthesis are limited, this strategy does not work.

In these conditions, plants find it would be a waste of energy and detrimental to survival to elongate stems because seedlings would never be able to over-grow larger neighbours.

So when plants detect deep shade, their genes in certain parts of the circadian clock - the internal daily timer found in plants and other organisms, changes. These clock components perform an additional role in suppressing stem elongation, blocking the over-top-

ping of neighbours that would normally happen in moderate shade.

The work identifies a previously unknown role for the circadian clock in regulating plant development, and the findings have implications for both natural plant populations and crops, say the researchers.

The study is relevant to natural plant populations because the researchers have identified a new process that controls the development of plants growing under conditions such as those found in temperate woodlands in summer and tropical rainforests.

Crops are often grown in dense stands which means that the plants shade each other, so the findings identify processes that might be manipulated to allow crops to be grown more densely or to control their height.

The study provides evidence for the robustness and stability of the circadian clock in stressful environments, and information that may be useful in developing new generations of crops in a challenging climate.

### ACTIVITY I

➤ "No man is an island." This saying is also true for organisms in an ecosystem. No organism exists in isolation. Individual organisms live together in an ecosystem and depend on one another. In fact, they have many different types of interactions with each other, and many of these interactions are critical for their survival.

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5. Do plants kill each other?
6. How do plants avoid competition with each other?

# Socio

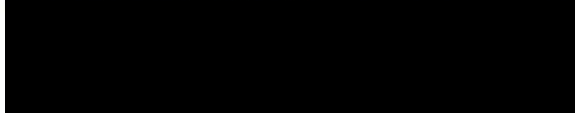
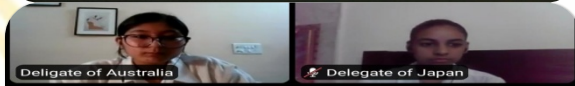
## ISA ACTIVITY (MODEL UNITED NATIONS)

TOPIC – ZERO HUNGER

### Winners –

**Best Delegate – (USA) – Adya-X**

**high Commendation – (Australia) – Anvi - X**

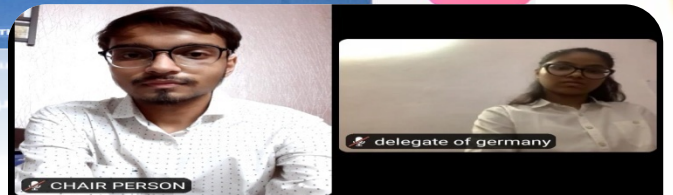
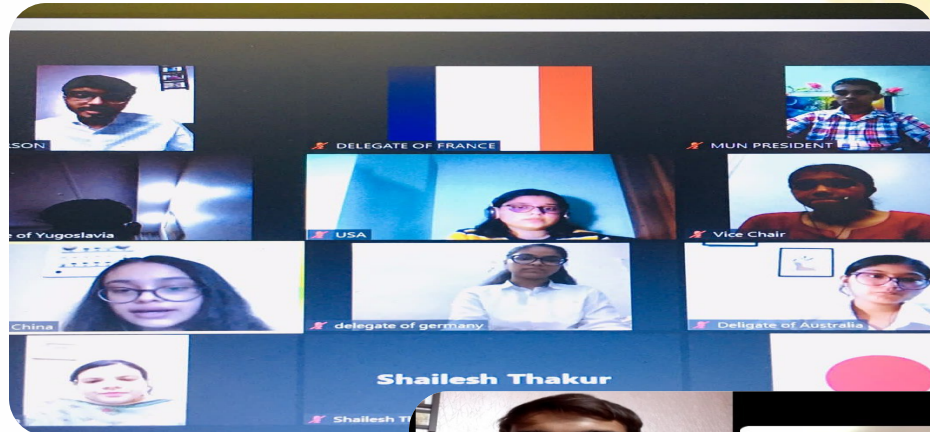


### EXECUTIVE BOARD –

**Chair person – Ayush Mittal (XII F)**

**Vice Chair person – Urvi Jain (XII E)**

**MUN President – Manav Nair (XII F)**





# English

## COLLAGE MAKING 'Glimpses of India'.

This activity was based on reading of the chapter 'Glimpses of India' from their text book. This activity helped in enhancing their creative skills, expressing ability and comprehension skill



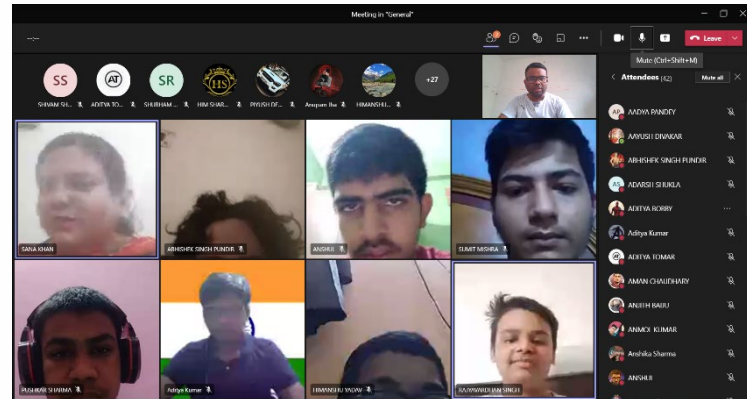
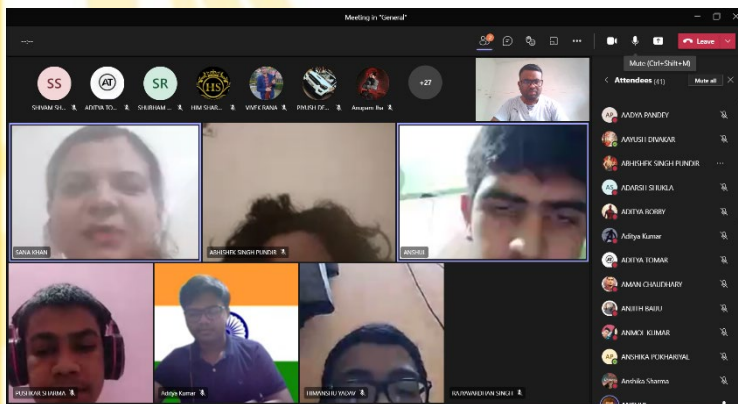
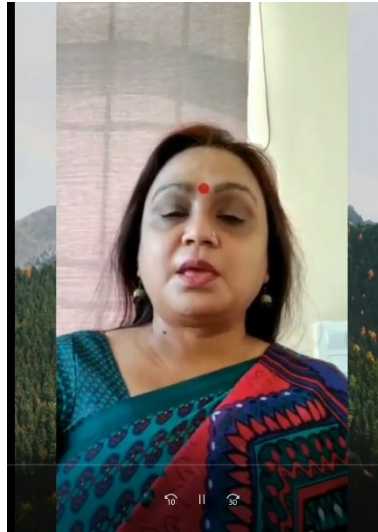
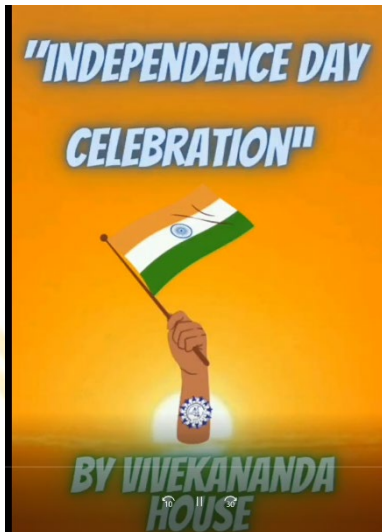


**CO-CURRICULAR ARENA**



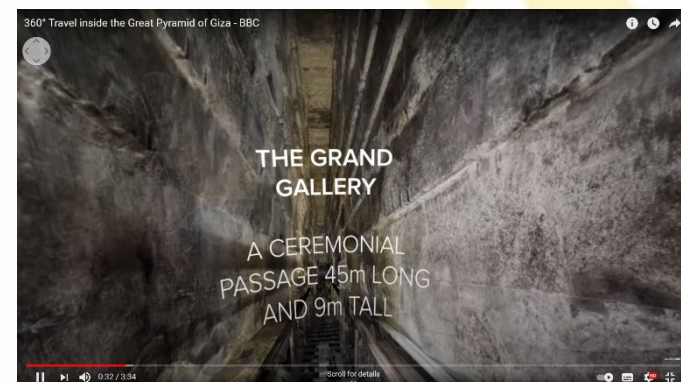
# Special Assembly on Independence Day

A Special assembly on Independence Day was celebrated on 14<sup>th</sup> August 2021 by the Vivekananda House.



# Virtual Tour: The Great Pyramid of Giza

A Virtual Tour was organised for the students of class 10<sup>th</sup> on 14<sup>th</sup> August 2021. During the pre activity a short discussion was done on the topic and after that a video related shown followed by the quiz.



1<sup>st</sup> Manish Kumar Singh X-B, 2<sup>nd</sup> Aditya Kumar X-C and 3<sup>rd</sup> Him Sharma X-E

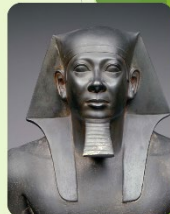
The three primary pyramids on the Giza plateau were built over the span of three generations by the rulers



Pharaoh Khufu



Khafre



Menkaure

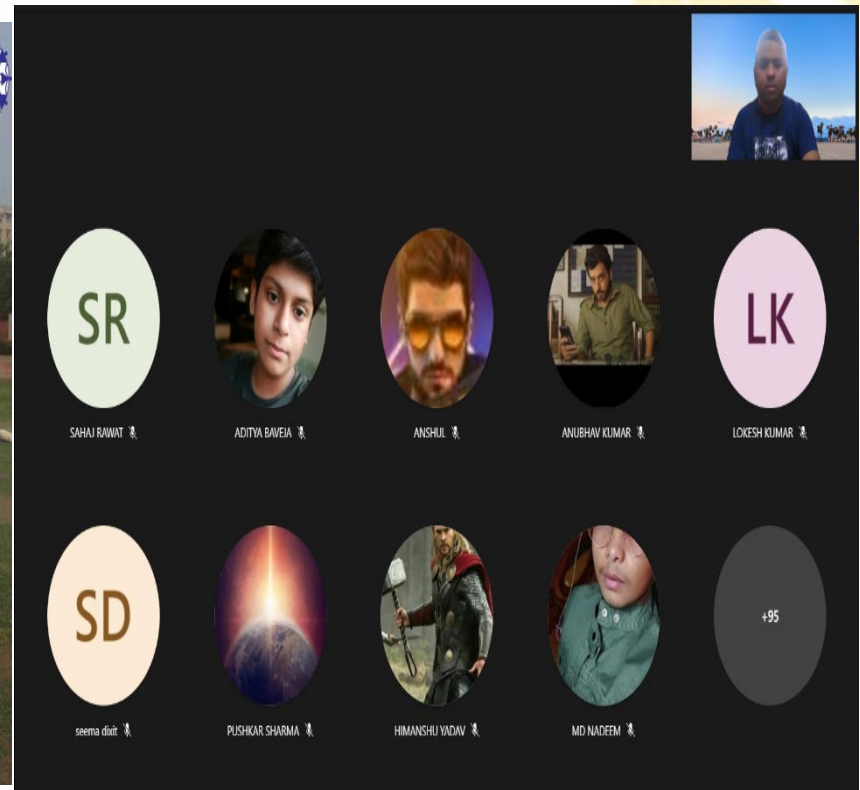
Right next to the causeway leading from Khafre's valley temple to the mortuary temple sits the first truly colossal sculpture in Egyptian history: the Great Sphinx.





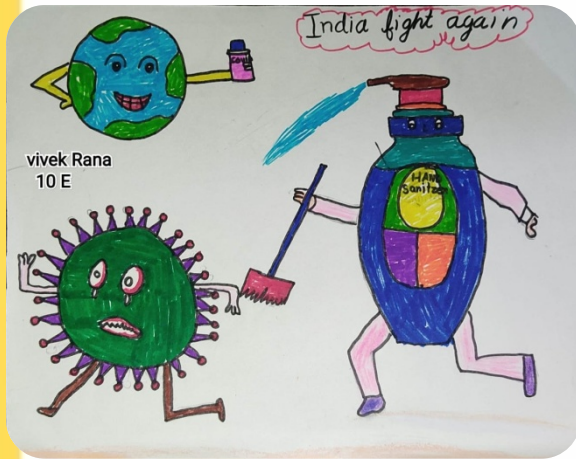
# Orientation Programme for Class X

The orientation organised for the parents and students to update about the entire assessment pattern by CBSE. Discussed the importance of term 1 as well as Internal Assessment.





# INDEPENDENCE DAY ACTIVITY- Free Art- Pandemic Free India



Priyanka verma10 c



## Stakeholders' Address

Dear students, believe in yourself because you are the one who studied, you are the one who knows how tough the exam so just have faith and you are going to nail it. Best wishes!

Mr. Aasim Akhtar  
Class Representative

## Parents' Address

I Prasanta Rout parent of Kiran Jyoti Rout of class 10 D want to tell that east point school is a good school.

Teachers are very supportive towards the student.

School helps in building confidence in students through various activities like annual day and sports day. It helps student to get ready for the outside world and to express their thoughts to everybody.

## Teachers' Address

Dear students regular practices of chapter can make you more perfect in your academic exercises and submission of work on the time will make you more responsible in life . Chooses your dream as your passion and do work on their perfection . Nothing is impossible in your life just pay a good practices .

Shailesh

Class Teacher 10 D





Happy  
August  
Birthdays!



Aayush  
29<sup>th</sup> August



Mohit Kumar  
04<sup>th</sup> August



Divyanshu Choudhry  
7<sup>th</sup> August



Vaibhav  
24<sup>th</sup> August



Sumit Mishra  
04<sup>th</sup> August



Kripa kakkar  
18<sup>th</sup> August



## Microsoft Team's

A workshop on Microsoft teams was taken with the teachers to address the doubts of the students and teachers. The issues faced by the teachers and the students were resolved and the latest updated features were also informed to the teachers.

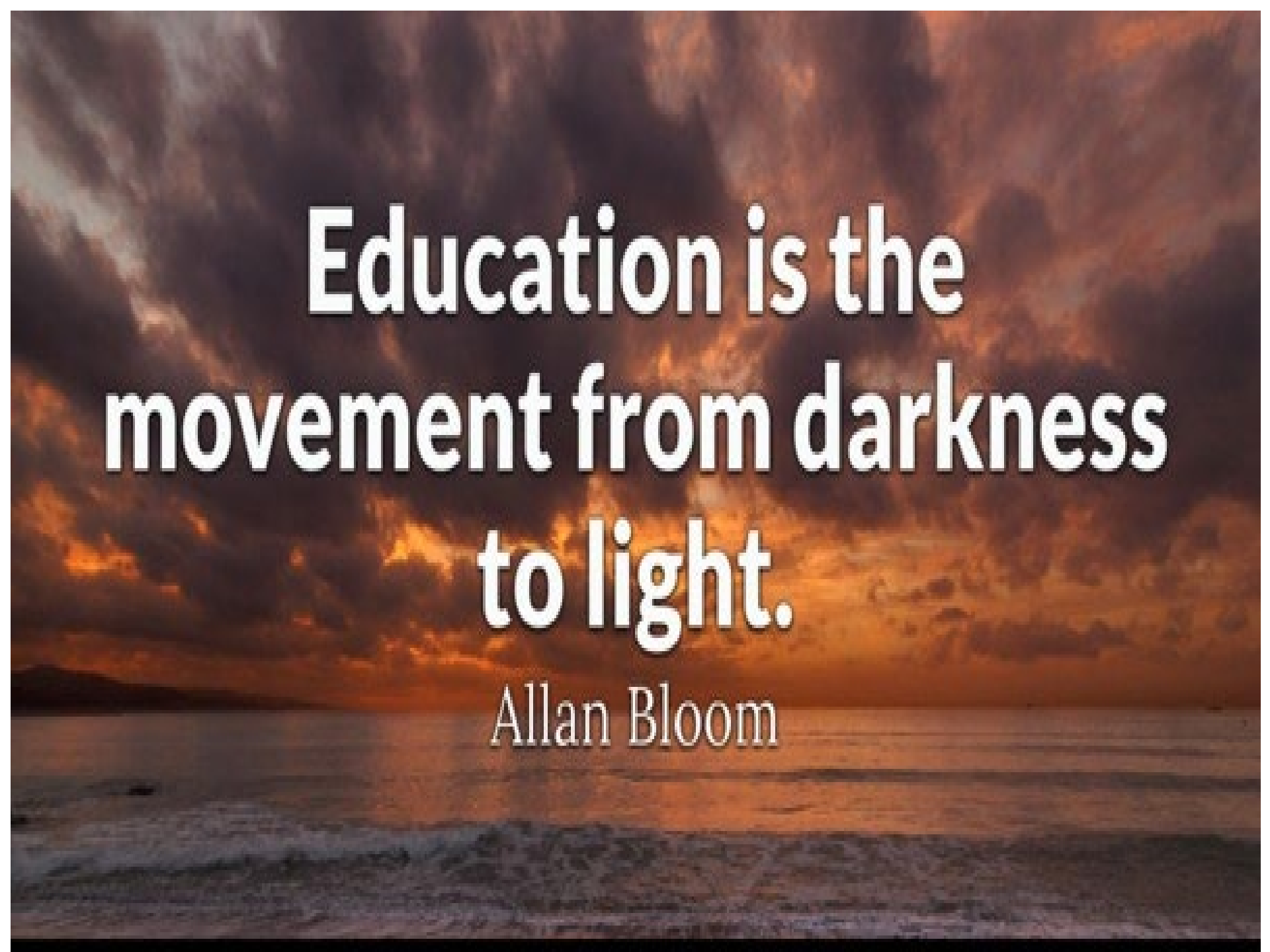
## Designing of Question Paper:

A workshop on designing Question Paper was conducted by the principal, Ms. Archana Srivastava wherein she guided the teachers about the kind of questions to be included like application-based, Multiple choice Index, Reasoning based and so on. The agenda was to make students equipped with all the concepts and in-depth knowledge of the subject. The workshop was very informative for the teachers as it included a variety of questions which are a must for the students to know and attempt.



# WORKSHOPS





**Education is the  
movement from darkness  
to light.**

Allan Bloom