

## **Summary of sessions attended by the teachers**

Project Based Learning in Secondary

Organizing authority: Oxford University Press

Speaker: Ms. Alison Page

A webinar was conducted to provide an insight into project work, share ideas on how to implement and help teachers in keeping students connected and engaged, so a project is just as powerful as in their face-to-face classroom learning. Purpose is to provide them with ways to process what they're going through, express their emotions and ideas and enjoy learning and gain much more by doing meaningful projects.

Seminar on Inclusive Education held on 26 May 2020, by C.B.S.E resource person was very informative and enlightening. In this seminar we were informed about Inclusive Education, which is a flexible system of education. It aims to provide good quality education to all learners without any discrimination, a system where students with different learning abilities share process of learning and growing under the same roof. It encompasses considerations and strategies to support the diversity of learners. Every child gets an equal opportunity of participating in all the activities that suits his/her capability. In this seminar Resource person also highlighted the conceptual difference between impairment, disability, and handicap and described the steps regarding Inclusion, Exclusion, Separation and Integration. She told what types of facilities should be provided in the school building like ramp, hearing aids etc. and also apprised us of the acts and clauses in law regarding Inclusive Education.

### **CONSTRUCTIVISM RESOURCE –KISHORE MANCH**

According to education theory, constructivism means, the different methods of learning and understanding new techniques and integrating it with the information which we already know. It enables the pupils to be active and do tasks that lets them construct their own knowledge and ideas. In constructive classrooms, students primarily work in groups and students are considered as thinkers with emerging theories about the world. The teacher's role is to prompt and facilitate discussion. Teacher guides the students by asking question, as how to implement their new ideas. Constructivism promotes divergent thinking and boosts the confidence of learners. It also promotes social and communication skills by creating an enjoyable classroom environment.

### **Health promoting school webinar**

Resource management NCERT This webinar highlighted the importance of health promoting schools to Foster health and learning with all the measures at its disposal. It laid importance in engaging teachers, students, parents in efforts to make the school healthy place. It also gave guidelines what students should and should not do to stay safe online. It also laid importance on understanding the emotions of children and adolescents and how to appropriately address their needs during the PANDEMIC.

## **Teaching remotely project based learning in secondary**

Resource management- Oxford University Press under International professional development program

This webinar discussed what has had to change since lock down and what we will need to change in future looking at a mix of remote and in-person learning plus the challenges and benefits that these may bring .It was a beneficial webinar. It helped to understand what we can do to support our students in these challenging times.

## **Building science EVS skills at home by Ms. Vaishali Gupta (author of OUT textbooks)**

Description: In this webinar the resource person highlighted the importance of performing hands on learning activities at home in the time of pandemic when the schools all over are shut down. Home, which is a storehouse of learning, can be converted into powerful learning centres. Experiential learning at home helps children in learning holistically which makes it more meaningful, interesting and contextual. It gives children real world exposure and makes learning more active. Children are like sponges, they absorb everything from their environment. Hence, home environment can be perfect place to learn in present pandemic situation where the child can apply the concepts, analyze, evaluate and create solutions to problems that arise in the process. It will help children to make decisions. Parents need to take on the teacher's role by making learning child-centered. Teacher's role would that be of a facilitator. For example if a child is asked to make lemonade, it'll help the child to understand that a lemon is a three dimensional object. It'll also inculcate the habit of in the child when she/he is told to serve and share it with the family members. Such hands on activities will also help in building scientific skills, will kindle curiosity in the child and the child will not perceive these activities as burden, instead, will consider it to be more engaging, more relevant and more authentic.

## **Staying resilient amidst turbulence by Sister BK Shivani**

In this webinar Sister BK Shivani very beautifully explained that "Happiness Is Not Something To Run After, We Can Find It Within us"! She emphasized that thinking less and thinking right is the best way to deal with stress and to ease mental health woes during pandemic. According to her, the best way to build emotional resilience is by consuming less information. The lesser we know about a situation, the lesser we worry about it. Over thinking has to be avoided in order to have mental peace. The remote control to our mind is held by us, not by others. It is us who can steer in our minds either towards positivity or towards negativity. Instead of blaming people we must focus our thoughts. It is us who can make ourselves either feel happy or feel sad. According to Sister Shivani, meditation is the key to a healthy mind, stronger resilience and better will power. One has to be always positive and meditate with simple affirmations like 'I am a happy soul, untouched by negative energies', which should be visualized and practiced throughout the day. Last but definitely not the least is gratitude. We should be grateful to God everyday for showing us a brand new day, new sunshine and with it, new hopes of doing something better. It is important to connect with self and show gratitude towards what we have every day to keep our minds happy, healthy and energized.

## **MINDFULNESS**

Description: The webinar explained the meaning of mindfulness as it is both a tool we can apply in classroom and also a wonderful invitation to reflect on our own experiences. It is the awareness of what is happening inside and around us. As the corona virus hit the world-the whole scene of teaching, learning process changed. Face to face class was quickly converted to a fully online class. In a normal class- mindfulness practices like simple breath work, meditation helped to reduce stress, anxiety and boost overall concentration but as there is new normal about the teaching, learning process now- these circumstances demand a little more presence and consideration of the students. Indeed, a planful online learning experience is essential to create a vibrant online learning community based on discussion and engagement. However, taking the necessary time to orient students to the expectations and flow of the new normal classroom is very important techniques to engage students by asking questions, believe in students, think of their mental and physical wellness and share positive helpful articles. Also, we need to guide them through these unprecedented times as a mentor. The webinar concluded with that “Happy Teachers will change the World of the new teaching, learning process”.

## **CYBER SECURITY**

A webinar on Cyber Security was conducted by COE, Chandigarh (CBSE) on 28th May ,2020. The purpose of the webinar was to create an awareness on the vulnerability of the users to the cybercrime and how we can keep ourselves safe from these crimes. The sudden shift to the online mode of learning has made cyber security a prime concern for the teachers, students and parents. The speaker very clearly explained the potential threats that the students are exposed to while surfing the internet for some information or while playing online games. With majority of the children using social media, the risk of their getting exposed to strangers increases many fold. Alongside they also become a victim of cyber bullying. This discussion was then followed by providing information on how to keep ourselves and our children safe while using the internet. Installing a good antivirus software, identifying malicious sites and avoiding them, not sharing passwords and personal information or credit/debit card details, avoid posting personal pictures and having virtual friendships and relationships, were a few of the steps to be followed while using internet. Finally the laws related to cyber security and illegal online activities were discussed and how these matters can be reported online on the cyber crime portal or to the police cyber cell. It was a very informative and eye opening webinar during the time when students, who are increasingly getting access to digital devices and the internet, must learn how to minimise risks and maximise benefits that come with using digital technologies.

## **‘History of Mathematics’**

Galileo Galilei once said “Mathematics is a Language of Universe. Universe can never be learnt without learning the language in which it is written and the language is mathematical language. The letters are circles, triangles and rectangles.” According to the resource person, students should be well aware of the history of Mathematics to know about the mathematicians behind the concepts they are learning. Because of the initiative of NCERT the brief introduction of the scientists and mathematicians behind the particular concept is added in every chapter. Students should read the information provided about them during the lesson. If we connect topics with stories of some great mathematicians children will feel connected and would acknowledge their hard work. ‘Great Wall of China’ is also a work of mathematical calculations. Algebra came into

existence because of a Persian scientist from Middle East who wrote a book called Al- Jabra. Newton was a British mathematician who did a ground work in the field of Calculus. Zero was discovered in India by Aryabhata. Shape of zero was elliptical ( almost oval). As per a popular belief , in ancient times calculations were done with the help of stones. When all the stones were picked up and nothing was left it was considered as zero left. The depression left in the sand because of the stone used to be like oval. Aryabhata decided of a time when sun, moon and earth made a 90° angle, this way he gave a rough idea of distance between celestial bodies. Greek mathematicians found the 'Sine' values of few angles but a scientist, Madhva from Kerala, gave the value of 'Sine' function for each and every angle. Concept of Negative numbers was discovered by Brahmagupta which came from the loans taken by people in the society. Such discussions will enhance their knowledge and make them feel proud about the contribution of our mathematicians in the History of Mathematics

### **Intellectual Disability – Nature and Strategies for Inclusion.**

All learners have a right to education, regardless of their individual characteristics or difficulties. Inclusive education initiatives often have a particular focus on those groups, which, in the past, have been excluded from educational opportunities. These groups include children living in poverty, those from ethnic and linguistic minorities, girls (in some societies), children from remote areas and those with disabilities or other special educational needs. The latter are often the most marginalized both within education and in society in general. This webinar focused on creating seamless and truly inclusive educational experiences for all learners. The resource person presented many useful strategies for creating warm and welcoming classrooms equipped to support the students with Intellectual Disabilities.

The five steps for creating more inclusive classrooms:

- Creating a community of belonging
- Rethinking challenging learners.
- Integrating IEP (Individualized Education Programme) goals into the schedule.
- Providing thoughtful differentiated academic supports.
- Effective utilization of paraprofessionals.

The Disabilities Education Act clearly states that all children with disabilities should be educated with non-disabled children of their own age and have access to the general education curriculum. Children with varying abilities are often better motivated when they learn in classes surrounded by other children. All children are able to be part of their community and develop a sense of belonging and become better prepared for life in the community as children and adults. Inclusive systems provide a better quality education for all children and are instrumental in changing discriminatory attitudes.

### **TOPIC: KNOWLEDGE IS POWER**

Description: An exhaustive webinar on POCSO act was organized for the staff members by Rev. Sr. Arti and the management today. Mrs. K. Sunita Seshadri, Deputy Director, National Institute of Public Cooperation and Child Development Regional Centre, Mohali impressed on the need to be vigilant and identify the behavioural changes in children. Dr. Monica, Assistant Director, NIPCCD, sensitized the staff members about all the aspects of POCSO Act. This act aims at providing protection to children from sexual assault, sexual harassment offences and safeguarding the interests of the child at every stage of the judicial process.

## **National Education Policy Webinar By Rev. Fr. Sunny Jacob S.J.**

Description: National Education Policy Webinar by Rev. Fr. Sunny Jacob S.J.

### **Emotional Intelligence for teachers:**

Oxford University Press

Description: Emotional intelligence holds immense significance in today's stressful world, The teachers need to be always in balanced state of mind as they are the architects of young impressionable minds. The salient points shared in the webinar were that the teachers need to be more mindful, respond, not react to situations and thereby be perfect role models to their students.

### **Adolescents and their body image:**

Adolescence is a crucial phase of life which is marked by rapid physical and psychological changes. The resource person shared valuable tips for handling adolescents. Since body image for them is of paramount importance so parents and teachers need to be careful while interacting with them and use the right kind of vocabulary so that their self respect is not hurt. Also more sensitive and tolerant approach towards them will surely boost their confidence level. 16. Cinema in the Classroom Bichitra pathshala as the name suggests is engaged in unconventional methods of teaching. Ms Shubha Das highlighted the importance and efficacy of usage of images in teaching. Both still and moving images can be effectively employed to foster learning in class. The underlying principle being- "what we see, we remember". Concepts in Geography, Science etc can be quickly grasped. Appreciation of poetry and Literature is enhanced with the use of images.

### **Topic : Revision Techniques In Social Science**

Resource person – CBSE

Make reading active with digital annotation. Personalize instruction for unique student needs. Pair literature with digital social studies content. Pair literature with digital social studies content. I too incorporated these techniques in my classes e. g. Web links, you tube videos, Kahoot etc. More students were involved and Teacher could easily assess them.

### **Topic- Pre-Primary Teaching**

Resource person: CBSE

The pre-primary educator is a key factor contributing to the success of the implementation of the pre-primary curriculum. In short, the pre-primary educator should attend to the following important points:

- Understand the characteristics of child development
- Establish good relationship with children
- Create pleasurable learning atmosphere
- Set a model for children

### **Topic : Mathematics In Primary Classes - Learning Goals**

Resource person -Ishita Mukherjee,

She explained that learning objectives are a specific result and learning outcomes are the measurements. She showed Riddles and Puzzles to make Maths more interesting.

Implementation- Started planning the learning environment as well as instructions for the achievement of learning goals and objectives.

**Topic : The webinar Strategies for Happy Classroom**

Resource person- Mr. Harpreet Singh.

Explained the meaning of happiness and the importance of happiness in a teacher's life. According to him only happy teachers can create happy classrooms. The tips given by him to create a happy classroom were helpful in bringing a smile on student's faces during the online classes.

**Topic : Innovative Pedagogy in English Teaching**

Resource Person: Mrs. Jagmeet Kaur

She discussed the 6 C's of education for the future-Think critically, work collaboratively, communicate clearly, embrace culture, develop creativity and utilize connectivity. After attending the webinar more time and energy was devoted to productive and creative activities, stimulation and encouragement.

**Topic : Pathways To Critical Thinking**

Resource Person: CBSE

Critical thinking is about knowing "How to think" .It is a fundamental skill for both language and literacy success. RIDDLES : It was fun with students with a 'WHAT AM I' riddle . Riddles help children think logically and critically. It helped students formulate a strategy of their own.

**Topic : Making Learning Visible**

Resource Person -Ms. Deepti Sawhney

Learning through different practical methods and models were used, children will be able to learn and understand the concept in a better way, learners will be able to evaluate how learning is taking place, as well as identify gaps in learning. Thus, learning becomes authentic and student driven.

**Topic : Pre-School Teaching Other Than Manual.**

Resource Person: Mr. Pushpa Raj Kesaragod

Webinar aimed towards explaining normal development of the child and mainly to find what all skills the children should acquire by four and a half to six years before class1. Multiple intelligence to evaluate the child like Visual discrimination & memory, linguistic, mathematical, kinaesthetical, inter & intra personal , naturalistic and spiritual intelligence of child. Overall a complete guide to thoroughly evaluate the child.

**Topic : Magic of Gratitude**

Resource Person: Ms. Veena Shahi, Principal of a school in Ludhiana.

The take away was to be grateful for everything! And in doing so we are positive and that helps to be positive towards students. Even it was instilled in students to be grateful for

every single thing they are blessed with. Gratefulness leads to positivity, positivity leads to happiness and happiness leads to happy learning !

### **Topic : The Sustainable Green School**

Resource Person : CBSE

Green Schools Goals And Objectives Are To

1. Foster's Student Participation
2. Encourage And Develop Critical Thinking In Students
3. Encourage Situational, Real Life, And Outdoor Learning
4. Support Students To Take Action
5. Enhance STEM Skills Through Engaging And Challenging Content/Actions
6. Include Everybody
7. Motivate Students To Help To Take Responsibility For Their Future
8. Develop The Young Leaders Of The Future

### **Topic : Pre School Education**

**Organised by Diksha.**

This module provided an overview of preschool education. What kind of pedagogy needs to be adopted for Holistic development of children. It focuses on experiences and activities for development of early literacy and numeracy so that children have smooth transitions of primary grades. Various activities were given to the students for better learning of alphabets numbers and different skills.

### **Topic : Multiple Intelligence In Mathematics:**

Resource Person : P.S Kalra

The webinar laid focus on the ability of human being to think logically, reason and identify connections. In class each topic is taught by relating it to the previous topic. Its relation to real world and its application to their surroundings is explained to students which makes it be logical.

### **Topic : Experiential Learning**

**Organised by Diksha.**

Experiential Learning is a process of education through experience, followed by reflection on that experience. It involves willingness to be actively involved, ability to reflect on the experience, using analytical skills and decision making to use the new ideas gained from the experience.

This pedagogy developed by Aristotle led me to develop and implement a virtual student exchange programme to highlight the topic "My City". Students were involved with design, plan, culture, food, places to visit about their city. and its application to their surroundings is explained to students which makes it be logical.

**Topic : Enhancing Life Skills- Effective Communication**

Resource Person : Ranjana Bhardwaj

Key Points and Implementation: Communication greatly helps to enhance the core Life Skills such as self awareness, empathy, critical thinking to name few. Students need to be trained well to communicate their emotions . Post attending the webinar best efforts are being made during online classes to allow each student to express herself on daily basis.

**Topic : Understanding Rights, Child Sexual Abuse And The POCSO Act 2012  
Organised by Diksha.**

Explained the definition of Child, Child Rights, definition of Child abuse, the provision for child safety under the POCSO act and protection of the children from sexual offences. Explained the indications to identify children who might be facing sexual abuse and the role of the teacher.

**Topic : Fit India Movement**

It was a two-week program with 28 sessions in total (two sessions of 90 minutes each). Dr.Usha Nair, Dr.G.kishore and different speakers gives us to provide knowledge, skill, Attitude, to our women teachers to Enable, Engage and Empower children (especially betis) to be physically active, confident and self reliant leaders. Various activities taught by speakers to implement in our routine class activity for the fitness development of school students.

**Topic : Fun With Mathematics**

Resource Person: COE Delhi

The webinar has covered very crucial techniques like how to make Mathematics more fun for children using a day-to-day example. It has also covered a very important technique of "experimental learning" in which we focus on the process of learning through individual experience.

**Topic : Positive Discipline**

Resource Person : Reema Diwanspoke

Positive discipline in the classrooms helps building healthy relationships between educators and students instead of any type of punishment and creating a supportive learning environment that provides children with appropriate information and guidance to facilitate learning, decision making and problem solving.

**Topic : StoryTelling As Pedagogy**

Resource Person: Ms. Alka Rai

The RP gave a wonderful insight into how Story Telling can be incorporated into each and every subject. She explained how the teachers can improvise a story or create a story of their own to teach concepts to the students and how different subjects can be integrated into a single story. Sha made the teachers make stories during the webinar.



### **Topic : Time Management**

Time management is a great skill as it helps to prioritize work. Implementation of time management was carried out in online sessions so that students could remain focussed and reduce stress to achieve maximum.

### **Topic : Covid 19 Scenario- Addressing Challenges In School Education.**

The challenges that were addressed in online special education in covid scenario were sudden and abrupt transition to online learning, keeping the students engaged in online classes, helping parents because the transition from being a parent to both parent and teacher is not easy one. The biggest challenge was addressing students with extensive support needs.

### **Topic : Understanding Stress**

In today 's world, where everything operates on a global basis, it's hard for everyone to handle the pressure both professionally and socially. The learning object is to enable the facilitators to understand the meaning, need and importance of stress management. Emphasis was laid upon the development of self-awareness, problem solving skills, decision making skills, critical and creative thinking skills, building and enhancing interpersonal relationships and empathy among others. Few strategies were explained. e.g Seeking help, Procrastination Self-motivation, Praying, counting 1 to 10, Encouraging the recreational activity like painting and Dancing.

### **Topic : Enhancing Life Skills Critical Thinking**

Resource Person : Ms. Monica Chawla

She emphasis on analysis, interpretation, inference, explanation, .self-regulation ,open mindness and problem solving. Critical thinking helped in developing curiosity and creativity through Picture reading, framing sentencing, asking simple open ended questions ,imagining and dealing the situation.

### **Topic : Competency Based Education.**

Teacher provides flexible and student based instructional strategies. Students have flexibility on how they complete their learning targets. Students can choose the type of assessment they want to take. Last and not the least, student can progress at their own pace.

### **Topic : Health and Well-Being In Schools**

Organised by : Diksha

It is the achievement and maintenance of physical fitness and mental stability. Understanding of physical health, mental health and social health which includes physical fitness, healthy and hygienic eating habits, physical development, ability to interact with others.

**Topic : Students Learning Enhancement Guidelines for those having Limited Access or Very Basic Technological Devices**

Resource Person: Mr. C. Karapagam

In this webinar, he spoke about the framing action plan for reaching out to the students with different accessibility to digital services for learning enhancement in different situations. He explained 5Ps Model i.e., patience, planning, preparation, perspective, perseverance. He also spoke about the role of the teacher's role in teaching specially for those who have no digital access.

**Topic : Multidisciplinary Projects in School**

Resource Person: Ms.Namita Aggarwal

In this webinar, different subject teachers together frame a common project of different fields of study for the learners that inculcates knowledge and methods from different disciplines, using a real synthesis of approach. Student gains an arsenal of skills- problem solving, critical thinking, team work, methodologies, analysis. It gives them the exposure, education and experience to branch out into different directions and expand their avenues.

**Topic : Integrating Gender In Teaching Learning Process.**

Resource person: Prof. Mily Roy Anand

Prof. Mona Yadav

This course teaches us the difference between Gender and sex and gives us knowledge about transgenders. It emphasizes the role of teachers, principals and hidden curriculum in integrating gender in teaching learning process. Use of gender neutral terms in conversation with students was started. Women achievers from the political, social and cultural environmental processes were recognised and appreciated in front of students.

**Topic : Developing Resilience In Children.**

Resource Person: Dr. Mahesh Kadakkalak.

Self-Awareness, Mind fullness & Positive Relationship. Implemented through stories of moral values.

**Topic : Managing Virtual Classes**

A virtual classroom is a digital learning environment that allows teachers and students to connect in online in real time. A virtual classroom refers to an online system that allows students and teachers to communicate and collaborate. Virtual classrooms are typically cloud based learning solutions that are the part of larger learning management system.

## **Topic : 21 St CENTURY SKILLS**

Resource Person – CBSE

Key Points –

1. Problem Solving
2. Critical Thinking
3. Authentic Learning
4. Collaboration
5. Appropriate use of technology

Make the learning experience personal and provide authentic content. Encourage higher thinking order and give feedback, reflect and enjoy the journey with the learners

## **Topic : Addressing Child Sexual Abuse**

Resource Person : Miss Suchitra Bhattacharya.

It mainly covered sexual mental and physical abuse in children. POCSO ACT (2012) was implemented to deal with the above issues.

## **Topic : Learning Of Spellings Made Easy**

Resource Person : Mrs Ranjana Bhardwaj

It was an enriching and interesting webinar in which the need for correct spellings in linguistics was stressed upon. In this era of Auto correct & Spellcheck, it came as a breather. For the implementation of techniques taught by her, emphasis is being laid on correct pronunciation & fun-filled activities in the class.

## **Topic : Thinking Out of The Box**

Resource Person : Ms. Ranjana Bhardwaj

The major key points around which the webinar revolved included supporting students to dive below the surface of knowledge and also encourage them to consider different solutions and methods to reach a conclusion. Through Mind Mapping, learners don't have to stay within the box of formal learning, they are able to think out of the box or differently so that they become better thinkers and can implement their new-found knowledge.

## **Topic : Positive Mindful Mantra In Stress Management , COE**

Stress in students, if left unaddressed, can lead to depression and anxiety. These conditions can result in worsening grades and the loss of friendships. Adopting a stress management regiment can help avoid and ameliorate these problems.

## **Topic : CBSE Khelo India Fitness Assessing Course**

organised by Sports Authority of India(SAI) with Assam Education Board under the Khelo India National Fitness programme for school in online mode. The mission of Khelo India Fitness Assessment programme for school going children to provide a comprehensive and inclusive "Physical for all school going children across India. Due to current situation of COVID 19 pandemic

we are taking online classes we taught yoga and fitness exercises to keep fit and improve the immunity.

### **Topic : Initiatives in School Education**

Organised by : Diksha

They explained major initiatives undertaken by the Department of School Education and Literacy, MHRD for the quality improvement of school and teacher education. It covered major objectives and components of Samagra Shiksha, best practices in States and UTs and new approaches in Mid-Day-Meal.

### **Topic : Designing Online Assignments**

In this difficult time when schools are closed and children are attending online classes, learning how to create various types of assessment using technology was the need of hour. Learnt about various platform available for involving children in doing various types of activities on their devices which helped in enhancing their overall development. Even the shy students also participated enthusiastically.

### **Topic : Integration Of ICT In Teaching, Learning And Assessment**

Technology has immense potential to support education. All children tend to learn in a unique way. Children learn better if they get the opportunity to involve more than one sense organ in a particular learning situation. ICT refers to create, store , retrieve, manipulate, transmit and receive digital information. Integration of ICT should focus on all the parameters such as demography of the class, prior knowledge and cognitive level of the children as well as their areas of interest. The pedagogy should have a blended approach. It should integrate ICT with traditional teaching/ learning experiences. ICT integration should be meaningful such that it promotes construction of knowledge by learners rather than just becoming substitutes of any other traditional teaching learning aids.

### **Topic : Kohlberg's Theory Of Moral Development**

Theory that focus on “ How children develop morality and moral reasoning”. This theory also suggests that Moral Logic is primarily focused on SEEKING and MAINTAINING JUSTICE.

### **Topic : Pedagogy Of Social Sciences**

Organised by : Diksha

It helps the children to develop and understand the human interaction with nature and social environment it also develops the critical thinking and skill of expressing own ideas through various activities which helps to build their self confidence.

### **Topic : Art Integration**

Organised by : Diksha

Arts integration differs from traditional education by its inclusion of both the arts discipline and a traditional subject as part of learning (e.g. using improvisational drama skills to learn about conflict in writing.) The goal of arts integration is to increase knowledge of a general subject area while concurrently fostering a greater understanding and appreciation of the fine and performing arts.

Implementation: Various projects were taken up for e.g "Making a nest using waste material" while doing a chapter 'Homes of animals'.

### **Topic : Integrating gender in teaching learning process**

#### **The webinar conducted by CBSE focused on**

- Identify existing gender attitude and behavior among teachers and students
- Develop gender sensitive pedagogical processes in transaction of various disciplines
- Use and adopt learning activities that foster a gender sensitive classroom environment

### **Topic : Importance of metrology in day to day life**

This webinar was conducted by Dr D K Aswal DIR CSIR. It highlighted Metrology and its various activities take place in most aspects of our daily commercial, economic, industrial, and environmental and health life, through using of various measuring instruments and tools in these fields and making crucial decisions in our daily lives based on the measurement results presented.

### **Topic : Adolescents and their body image:**

Adolescence is a crucial phase of life which is marked by rapid physical and psychological changes. The resource person shared valuable tips for handling adolescents. Since body image for them is of paramount importance so parents and teachers need to be careful while interacting with them and use the right kind of vocabulary so that their self respect is not hurt. Also more sensitive and tolerant approach towards them will surely boost their confidence level.

### **Topic : CBSE Blended Learning**

This was a free online training programme on Educational Technology and Learning in collaboration with Google provided for teachers to help them enhance their E-skills for their online classes. 5 Webinars were conducted for teachers where they learnt to make their online classes much more interactive with the help of various online tools for making quizzes, polls, presentations etc.

Training on detailed usage of tools like padlet, Google slides, Google Docs , Prezi, Popplet was provided to teachers. They were also provided tips on creation of effective lesson plans. At the end a quiz was conducted all the participants to assess their learning skills.

### **Topic :USE OF ARTIFICIAL INTELLIGENCE**

COE conducted extremely interesting and informative webinars on integration of Artificial Intelligence in different subjects. These three day webinars for different subjects focused on use of artificial intelligence to make lessons more interesting, creative and thought provoking for the students. At the end of the webinar, the participants had to submit a lesson plan using the artificial intelligence tools put forward by the resource personnel.

### **Topic : Educational Technology and Learning**

CBSE in collaboration with Google had organized an online comprehensive training programme on Educational Technology and Learning. It facilitated the teachers to understand the different models of technology integration, develop technology integrated lesson plans, learn usage of technology in classrooms. Ms Deepti, an accomplished educator, apprised the mentors about the innovative pedagogy which could be used in the blended classroom. Subsequently, teachers prepared their own technology integrated lesson plan.

## **Topic : ENHANCING READING COMPREHENSION SKILLS**

CBSE conducted a webinar on the said topic where the resource person focused on decoding competencies for English, Enhancing Reading Comprehension skills and the myth of PISA vs the curriculum. A workshop on Enhancing Reading Skills was conducted by PISA trainers , Ms Satinder Kaur and Ms Yogita during OCT 2020. The master trainers emphasized daily 5-minute reading practice for the students and that it should be conducted in every subject.

They also trained the teachers to frame questions based on inference, facts, vocabulary, structure and tone for the continuous and non-continuous passage. The questions must challenge the creative and critical thinking skills of the students. A class cupboard library can be set be up in the physical classroom and digital books repository can be created and shared by the students as well. They took up the queries and doubts of various teachers and guided them to feasible solutions.

## **New topics as suggested by the educators of our school (COE Portal-CBSE)**

1. Live Assessments - Need of the hour
2. Integration of music in science
3. Creating interest in students during virtual learning
4. Foundational Communication Skills for Kindergarten.
5. Constructive classroom - A value for life
6. Activating artistic sensitivity.
7. Teaching Mathematics virtually
8. Core concepts of Maths-Pre-Primary Children
9. Working with Acceptance and Intention.
10. A Complete Cyber Security guide for Teachers
11. Training of teachers on conduct of activities and project based work in Senior Secondary classes for mainstream commerce subjects
12. Development of Social skills through social science
13. Digital integration in History
14. Healthy and happy environment in online classes during the pandemic
15. Making virtual teaching more effective
16. Focus on students' Mental Health during online classes
17. Robotics
18. Python
19. GIMP
20. Boosting creativity in E learning