REPORT

MATHEMATICS WEBINAR

CONDUCTED BY: HRDC DPSS

ATTENDED BY: Ms. Khushboo Chhabra

DATE: 3rd Feb to 5th Feb 2021

TIME: Session 1 (10:30 am to 12:30 pm)

Session 2 (2:00 pm to 4:00 pm)

HRDC DPS Society organized an online training session on Mathematics for teachers teaching Grade 3 to Grade 8, from 3rd February to 5th February 2021. This session focused on how teachers can design activities to promote students' curiosity and help them see how Mathematics is an integral part of the world we live in.

The moderator of the event, Ms.Vanita Sehgal, Executive Director HRDC DPSS, started the session by addressing the participants and shared her experience of how her Mathematics teacher had helped in building her interest in this subject.

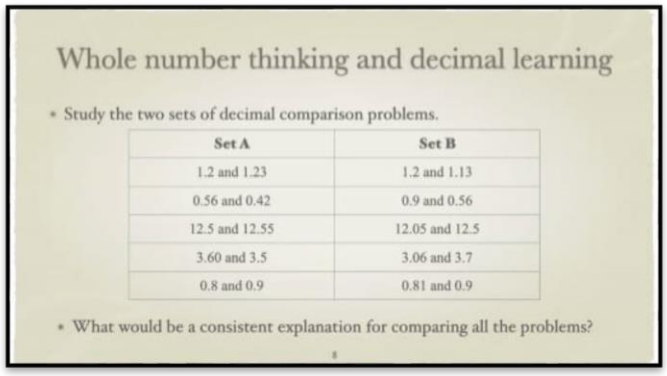
DAY 1:

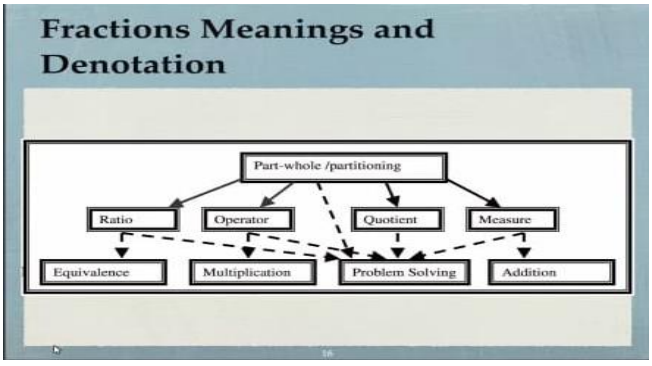
Key Panelists:

DR. SHIKHA TAKKER
Assistant Professor, Hyderabad Campus TISS- Azim Premji School of Education

DR. SHWETA NAIK
Scientific Officer, Homi Bhabha Centre For Science Education, Mumbai

The panelists beautifully explained in detail the fundamental concepts and need of 'Fractions' and 'Decimals' by taking real life examples. They emphasized on the importance of reviewing common errors made by the students in order to enhance their thinking skills and thus strengthening their concepts. They also stressed upon the fact that teachers should know what students are thinking and hence diagnose problems, if any.





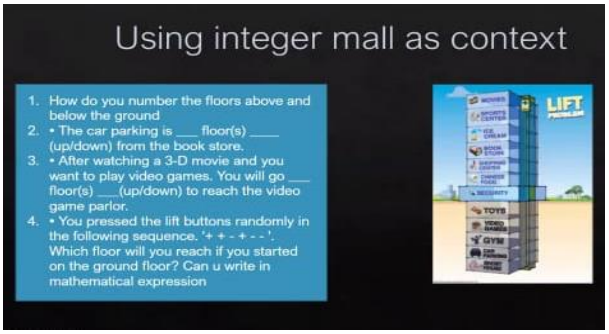
DAY 2:

Key Panelists:

DR. RUCHI KUMAR
Assistant Professor, Mumbai Campus Centre for Education Innovation and Action Research

MS. JEENATH KHAN
Research Scholar, Homi Bhabha Centre For Science Education, Mumbai

On Day 2, the topics for discussion were 'Integers' and 'Geometry'. The session began by showcasing research on the common errors made by the students, through a video presentation. The research focused on the reasoning given by the students behind those errors. The purpose of the video was to encourage teachers to analyze students' thinking and hence find a way to correct the same, if so required. They suggested various online platforms/websites like Phet, Geogebra, Enrich etc and introduced various digital games which can help in making learning more effective and enjoyable for the students.



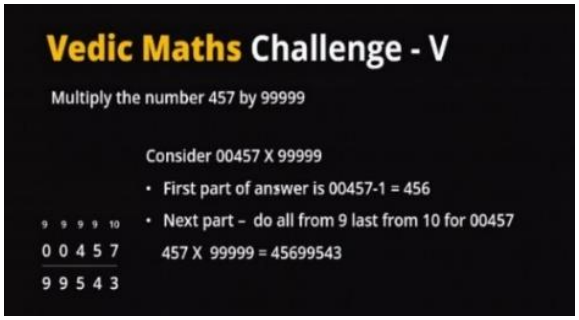
DAY 3:

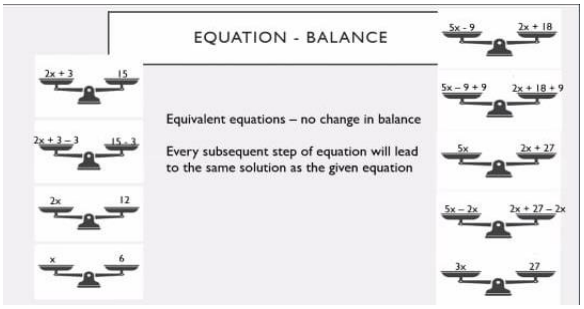
Key Panelists:

DR. RAKHI BANERJEE
Faculty, Azim Premji University

MS. VIDYA VIKRAM
Vedic Math Expert, Founder- Skills on Biz

On Day 3, the panelists talked about 'Algebra' and 'Vedic Math'. The session was based on the utility of these two topics in real life. As rightly said, ‘The best always comes last’, the panelists suggested various exercises/tasks which can be incorporated in classrooms to strengthen students' thinking. It was aptly quoted, ‘Mathematics classroom requires talking with the child and not just solving the questions’. Various Vedic Math techniques were introduced in order to facilitate students to do complex calculations quickly and accurately.





Overall, it was a great learning experience. It provided useful insights into the key elements of various Mathematical topics, in depth.