

DDMS P. OBUL REDDY PUBLIC SCHOOL

REPORT ON ONLINE MATH WORKSHOP

NURTURE YOUR MATH SKILLS (Grade 9/10)

(R. MALLESHWARI RAI – Math Coordinator for Classes 9 and 10)

Every year, the University of Waterloo, Faculty of Mathematics and the Center for Education in Mathematics and Computing (CEMC) work together to bring world-class mathematics into classrooms. While the global COVID-19 pandemic prevents us from visiting our school in person, CEMC is still eager to connect with students online and conduct a problem solving session.

Like every year, this year, the Center for Education in Mathematics and Computing (CEMC) has conducted an interactive, online problem-solving workshop on Tuesday, April 6th 2021 from 6:00 – 7:30 PM (IST) exclusively for Indian students of Grade 9 & 10. Workshop was conducted by Ian Vanderburgh, Director, CEMC, Faculty of Mathematics.

TUESDAY
APRIL
6
6:00–
7:30 PM
(IST)

The Center for Education in Mathematics and Computing (CEMC) at the University of Waterloo in Canada, invites you to

NURTURE YOUR MATH SKILLS



IAN VANDERBURGH
DIRECTOR, CEMC,
FACULTY OF
MATHEMATICS

An interactive, online problem-solving workshop for students of Grade 9 & 10.

Limited spots available.

Register today:

<https://bit.ly/3rl5oyx>



The main purpose of online problem-solving workshop was to introduce a unique opportunity for our students in an interactive manner that aims to expose students to careers and applications in Mathematics and Computer Science and cultivate their interest in Mathematics.

The workshop was very interactive and the concepts were very well explained by the faculty.

The screenshot shows a Zoom webinar interface. The main content area displays a math problem: "The product of N consecutive four-digit positive integers is divisible by 2010^2 . What is the least possible value of N ?" with multiple choice options (A) 5, (B) 12, (C) 10, (D) 6, (E) 7. Below the problem, a handwritten note shows the sequence of numbers: $2010, 2011, 2012, \dots, 4011, 4020$. The Zoom logo and the text "WWW.CEMC.UWATERLOO.CA | The CENTRE for EDUCATION in MATHEMATICS and COMPUTING" are visible at the bottom of the slide. On the right side, a chat window is open, showing a list of messages from various participants, including greetings and a note about a poll.

The screenshot shows the Zoom mobile app interface. At the top, the time is 6:56 and the network speed is 41.3 KB/S. The Zoom logo and a "Leave" button are visible. Below the Zoom logo, there is a "REC" indicator and a "Poll Results" button. The main content area displays "Problem #2" which states: "Each of the following 15 cards has a letter on one side and a positive integer on the other side." Below this, there are 15 cards arranged in a 3x5 grid. The first card shows 'c' and '60'. The second card shows 'l' and '4'. The third card shows 'o' and '8'. The fourth card shows 'e' and '2'. The fifth card shows 's' and '8'. The sixth card shows 'k' and '2'. The seventh card shows 'l' and '4'. The eighth card shows 'o' and '8'. The ninth card shows 'e' and '2'. The tenth card shows 's' and '8'. The eleventh card shows 'k' and '2'. The twelfth card shows 'l' and '4'. The thirteenth card shows 'o' and '8'. The fourteenth card shows 'e' and '2'. The fifteenth card shows 's' and '8'. To the right of the cards, there is a handwritten note: "Lower 1 ✓", "Upper 4 x", "Odd 8 x", "Even 2". Below the cards, the question asks: "What is the minimum number of cards that need to be turned over to check if the following statement is true? 'If a card has a lower case letter on one side, then it has an odd integer on the other side.'" with multiple choice options (A) 11, (B) 9, (C) 7, (D) 5, (E) 3. The Zoom logo and the text "WWW.CEMC.UWATERLOO.CA | The CENTRE for EDUCATION in MATHEMATICS and COMPUTING" are visible at the bottom of the slide. At the bottom of the screen, there are icons for "Chats", "Raise Hand", "Q&A", and "More".