

Class VIII - ISA Activity ('Tessellations')

As a part of International School Award (ISA) dossier to be presented for 2018, class VIII students performed the following activities on the topic 'Tessellations'.

1) Power Point Presentation on Tessellations

The first research based activity undertaken by the students of class VIII for ISA was a Power Point Presentation (PPT). The students were divided into groups to explore and collect the information about the involvement of Tessellations in the art, culture and monumental heritage of three countries viz. India, United Arab Emirate (UAE) and Iraq. After analysing of the information collected from various sources viz. Internet, magazines, journals, individual visits etc., the students presented the collected information in the form of PPT on Tessellations. They explained the core of the Mathematics behind each Tessellation presented. They said activity took place in the classroom on 11th, 12th and 13th August 2017.



2) 2-D Display of Tessellations

The second activity as a part of ISA was the 2-D Display of Tessellations which took place on 4th and 5th August 2017. In this activity, every student was to choose any one monument/heritage site of any one of the above mentioned three countries and make a piece of art work for the same. The students enthusiastically participated in this activity and presented their work with the use of most appropriate colours on Cartridge sheet/Pastel sheets/Canvas. The display of their efforts was well appreciated by parents as well as teachers during the School Exhibition.



3) Geometrical Rangoli

The hands on activity which concluded the topic 'Tessellations' was Geometrical Rangoli. For this activity, the students were divided into groups and were to present the portion of the monument/heritage site showing Tessellation in the form of Rangoli. The activity was conducted in the corridors of Math Lab (1st floor) on 9th and 10th August 2017.

The students used Rangoli colours/sand/pebbles/glitters to make and decorate the Tessellation presented.



Overall, all three activities done by the students enabled them to appreciate the presence of Mathematics in the rich culture and monumental heritage of the countries chosen. It helped them understand the Mathematical meaning of Tessellations and exposed them for an everlasting learning experience from it.