



Rainbow Public School, Mysuru.

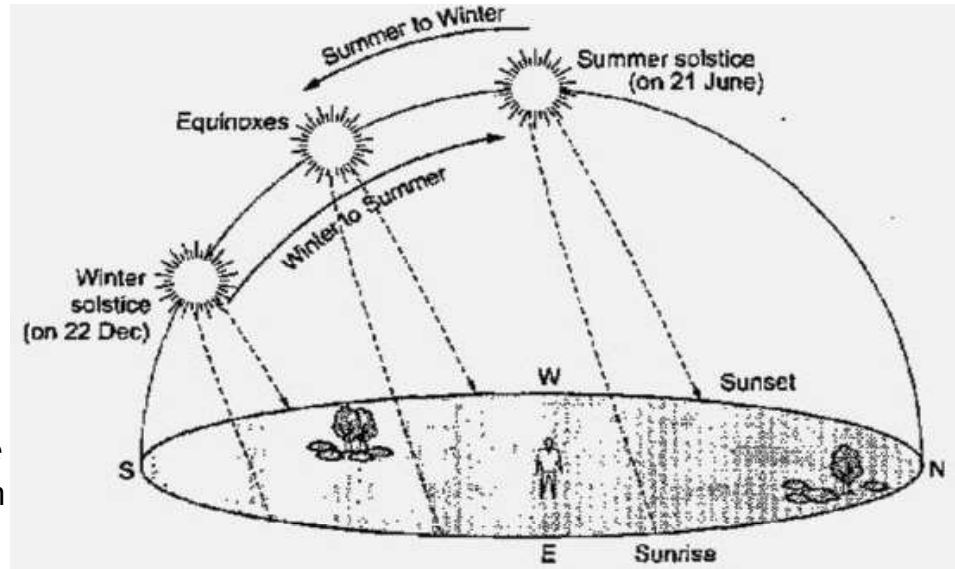
Newsletter

Issue : January 2020

Makara - Sankranti : The Science behind the festival

What happens during Makara Sankranti and why is it important?

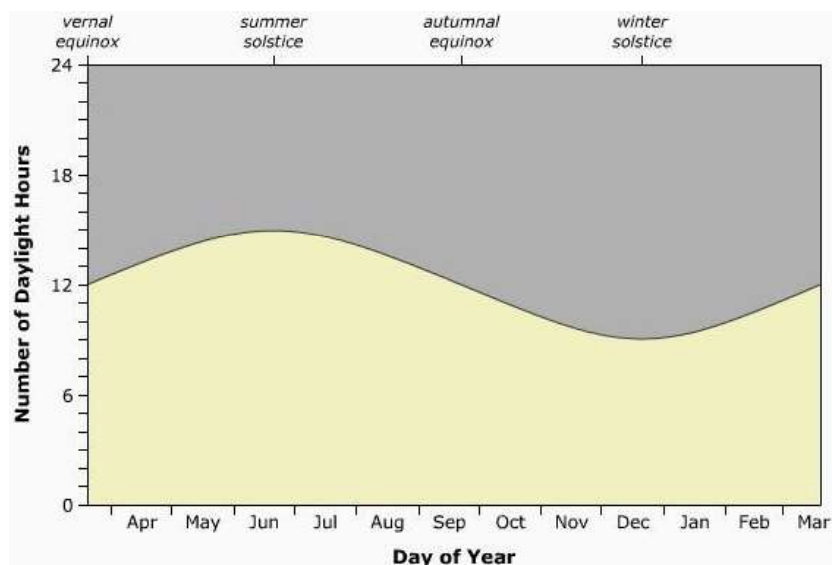
Sankranti translates in English to 'the transmigration of the Sun'. So on this day the Sun enters the zodiac sign of Capricorn. Hence Makara Sankranti. Every month the sun enters the next zodiac sign and hence there will be a sankranti. But all of them are not celebrated as a festival. So why festivities on Makara Sankranti is the next question.



Movement of Sun : Uttaraayan ,Dakshinaayan

It will be clear if we study the diagram below. One reason is the onset of Uttarayana – the apparent movement of Sun towards North direction. And the start of increased day-light days.

If the chart is divided into zodiacs, then we can notice that it is Makara which is the first among the series of phases witnessing an upward journey, and this trend continues with subsequent phases till peak summer.



Length of Days and Night across the months

Hence the Makara phase holds such great significance in astronomy because it represents revival of sunlight & energy. Hence the celebration. It is a celebration of the "revival" of sunlight (solar energy & positivity) into our lives.

Also the in the crop cycle it coincides with the harvest season as well and represent the continuity of food supply. It is celebrated as Lohri in Punjab, Uttarayan in Gujarat, Makara Sankranti or Makara Sankramana in Karnataka & Maharashtra, Pongal in Tamil Nadu, Khichdi in Bihar, Bihu in Assam.



RPS celebrated the Makara Sankranti across its campus. Teachers and Students came with colourful ideas to froth the significance of the festival.



Rainbow Buzz - *Republic Day @ RPS*



The 71st Republic Day celebration was celebrated with great enthusiasm and patriotism. The chief guest Mr. Gopinath H S presided over the function and unfurled the National Flag.

The School Band along with the School Captain, House Captains received the dignitaries.

The speech from the Chief Guest was followed by the cultural programmes, sports display, Karate and other display of skills and strengths.

Swami Vivekananda : Turn around and face it !

Once at Varanasi, as Swamiji was coming out of the temple of Mother Durga, he was surrounded by a large number of chattering monkeys. They seemed to be threatening him. Swamiji did not want them to catch hold of him, so he started to run away. But the monkeys chased him.



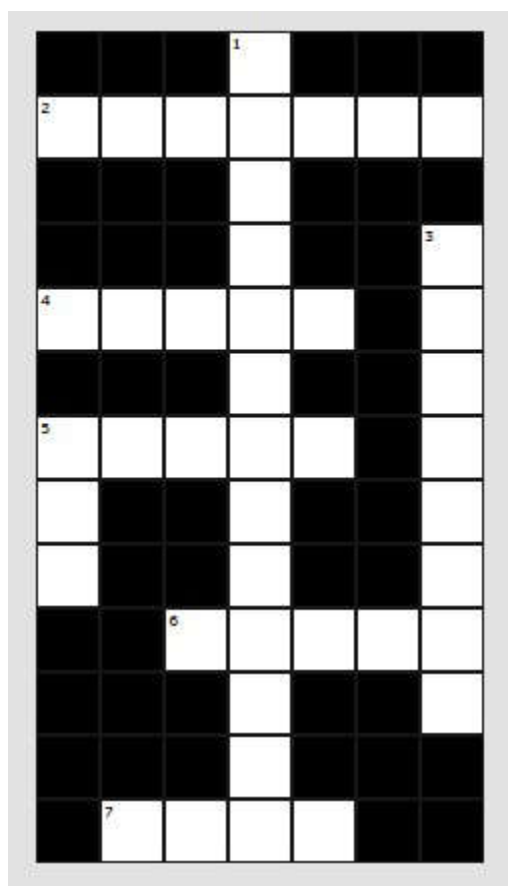
An old sannyasin was there, watching those monkeys. He called out to Swamiji, 'Stop! Face the brutes!' Swamiji stopped. He turned round and faced the monkeys. At once, they ran away.

Many years later, Swamiji said: 'If you ever feel afraid of anything, always turn round and face it. Never think of running away.'

Funny Times

Crossword January 2020 :

Find out ,who & what are at the crosswords



Across

2. This substance gives skin and hair its pigment .
4. The Sun starts moving to this direction on Makar Sankranti onwards.
5. The English established their first factory in this town.
6. He prepared the first draft of Indian Constitution.
7. This is the human body's biggest organ.

Below

1. He gave the slogan 'Do or Die'.
3. This is the biggest part of the human brain .
5. Earth's primary source of energy .

Answers for
last month's crossword

Across: 2) Water 6) Nose 7) Gregorian 8) Mission Shakti

Below: 1) Bethlehem 3) Tibetan 4) Russia 5) Nitrogen