

MEGA EXPO CARNIVAL 2019

DATE : DEC 31ST 2019

VENUE : SCHOOL

GUIDELINES

SUBJECT INFORMATION

Mathematics Sub theme ideas Vedic Mathematics, Pascal's triangle, Mathematical games/ puzzles, body mass index, geometrical models, working models for finding - areas, identities, trigonometry etc (you may select your own)

Science sub theme ideas Innovative ideas in Robotics, electricity, magnetism , light and robotics, interesting topics on chemistry and biology, New techniques for waste disposal / recycling waste materials/harnessing energy from waste materials Cost effective heating and cooling system in buildings Innovative design/models of equipments for children with special needs. Innovative ideas for efficient management of road, rail, water and air transport systems, better safety measures, managing traffic jams etc.

Social Science sub theme ideas Rain water harvesting, monuments , dams, dresses of India, Maps, Recycling of waste, measure to prevent social erosion, low cost utility items. Cost effective pet houses (animal in wild also can be included), Measures to control ill impact of natural calamities, Methods of ground water recharging; Traditional Art forms of Kerala that face extinction different land forms. Traditional and Musical instruments etc

Art, Craft and Food fest theme ideas Mud or Clay model, Jewellery, mat, flower making Craft out of paper , waste materials, shells, beads, wool, sponge etc. Embroidery , Glass & Fabric painting, vegetarian food exhibits

EVALUATION CRITERIA

The exhibits will be assessed by the experts as per the following criteria

- | | |
|--|-----|
| a . Student's own creativity and imagination | 20% |
| b. Originality / scientific and mathematical innovations / creativity | 15% |
| d. Technical skill, workmanship, craftsmanship etc. | 15% |
| c. Utility for society, scalability/educational value | 15% |
| f. Economic , portability, durability, scope of its applicability in future etc. | 15% |
| g. Presentation – aspects like demonstration, explanation and display | 20% |