



## **Creativity nurturing Activities**

*For Students*

**Joy of learning – STEAM Camps or STEAM Workshops**

### ***“STEAM WORKSHOPS”***

***( Skill Building Experiential learning through Hands on activities in the area of Science, Technology, Engineering skills, Art and Math)***

#### ***Attraction of the Workshop***

- \* Mind opening Sessions filled with joyful Hands on Activities.*
- \* Exposure to basics of scientific principles used in homes and industries,*
- \* Take home models.*

#### ***General Information***

***Workshop Duration - 2 hours /4 hours of fun filled, creative problem solving and completely hands-on learning experience for students.***

***Classes -       Group 1 – Classes 1 – 2***  
***Group 2 - Classes 3 to 5***  
***Group 3 – Classes 6 to 8***

**Register - For 2 hours or 4 hours workshop on any one of the mentioned topics**

**I. Rewiring brains-** Workshops/ Camps for 2/ 4 hours per day

Fun filled 2 or 4 hour of activities

- \* Mind opening Sessions filled with Hands on Activities.*
- \* Exposure to basics skill building STEAM and Creative Expression activities.*

**II. Creative bonanza-** 15 sessions, Spend 1.5 hour per day for chosen activity

#### ***TOPICS FOR WORKSHOP–***

***School can choose any one topic per day or more, depending upon the requirement .***

**1. "SMALL MACHINES, BIG JOBS"** *(Time Duration: 2 hour or 4 hours)*

Hands-on learning experience to understand basic components of machines ,  
Electronics, electrical appliances, magnetism

**2. ENGINEERING SKILLS –STRUCTURES & STABILITIES**

*(Time Duration: 2 hour or 4 hours)*

Discovering STEM: Making Structures and finding their stabilities.

**3. ENHANCING OBSERVATION POWER** *(Time Duration: 2 hour or 4 hours)*

Demonstration of some tricks followed by discussion on scientific understanding  
followed by experiential repeat

**4. FUN WITH FLYING OBJECTS** *(Time Duration: 2 hour or 4 hours)*

Making aeroplanes and/or DRONES

**5. CREATIVE EXPRESSIONS** *(Time Duration: 2 hour or 4 hours)*

Exercises on developing comic strips, advertisements also taken up.

**6. WONDERS OF POTENTIAL ENERGY FORCES** *(Time Duration: 2 hour or 4 hours)*

Experiences from Potential Energy Stored in rubber band, springs and their  
conversion to kinetic energy

**7. NURTURING LIFE SKILLS** *(Time Duration: 2 hour or 4 hours)*

Creativity, Critical thinking, Leadership qualities, Coordination, Spontaneous  
Decision skills

**These activities are good for Winter / Summer Camps organised by schools.**

## FORTEACHERS

**Capacity building workshops** ( 3 hours ) on the following

### **TOPICS**

- o "Introducing Innovation in Class Room ",for teachers
- o "Neuron Activation and Life skills" for teachers and parents
- o "Sessions on 'Basics of Developing Good Science projects

