



CIRCULAR FOR STEM ACTIVITIES  
CLASS VII

CIRCULAR NO: MSN/MB/ 19 /2024

22.04.2024

Dear Parents

Mayoor School Noida is excited to announce STEM activities for Grade VII students by Entecres Lab. These activities will enhance critical thinking, problem-solving, creativity, and communication skills. Participating in STEM activities will prepare our students for future STEM careers and provide a sense of accomplishment, improving self-esteem. We encourage our students' participation to make their learning experience at Mayoor School Noida more enjoyable and fulfilling. The program implements the **STEM Application** already popular in **more than 120 countries**. It has been designed to generate a scientific acumen in the students by combining various activities like Aerodynamics, Rocket Making, Magnetic levitation etc.

**Schedule of STEM sessions:** During school hours in school premises.

**Amount to be paid:** Rs. 1400/-

Interested parents are requested to send the amount in cash to the class teacher by **29 April 2024** in a sealed envelope with Name, Class, Section and Admission number of the student written on the top.

| Grade VII              |   |          |
|------------------------|---|----------|
| Activity Name          | Details   | Month    |
| Indicator test         | In this activity, students will test different solutions with litmus papers & turmeric to test whether they are acidic, basic or neutral. | April    |
| Fire extinguisher      | In this activity, students will perform a neutralization reaction to make a fire extinguisher.  | May      |
| Electric bell          | In this activity, students will make an electric bell to understand how does an electric bell work.                                       | July     |
| Sundial                | In this activity, students will make a sundial to keep a track of time.   | August   |
| Hydro turbine          | In this activity, students will make a hydro turbine to make the use of flowing water in generation of electricity.                       | October  |
| Crystallisation        | In this activity, students will perform an activity to form crystals.   | November |
| Galvanisation Kit      | In this activity, students will perform a reaction to plate zinc on copper.   | November |
| Working model of heart | In this activity, students will join in different parts of a puzzle to make a structure of human heart.                                   | December |
| Excretory system       | In this model, students will make an excretory system working model to see how kidneys filter the blood.                                  | December |
| Mirror and lens set    | In this activity, students will see the pattern of images formed using plane, concave & convex mirrors; concave & convex lenses. '        | January  |

Warm regards

Alka Awasthi  
Principal

**CONSENT FORM**

We, \_\_\_\_\_ parents of \_\_\_\_\_ of class VII, Section \_\_\_\_ give our consent for our ward to pursue Stem activities at school. I am sending INR \_\_\_\_\_/- through my ward to be deposited to the class teacher.

Parent's Signature \_\_\_\_\_

