

PM SHRI KENDRIYA VIDYALAYA MEG AND CENTRE BENGALURU

COMPILED REPORT OF ALL LABS WITH PICS :-

Our school PM Shri Kendriya Vidyalaya Meg and Centre, Bengaluru is equipped with a range of specialized laboratories to support the academic and practical learning experiences of our students. These facilities include one physics lab, one biology lab, one chemistry lab, one junior science lab, and two computer labs. Each laboratory is designed to accommodate up to 40 students at a time, providing ample space for individual and group experiments.

Physics lab

The physics lab is well-equipped with modern instruments and apparatus to conduct experiments in mechanics, electricity, magnetism, optics, and thermodynamics. Students gain hands-on experience through activities such as measuring gravitational acceleration, studying



circuit behavior, and exploring the properties of light.

Biology lab

The biology lab is designed to facilitate experiments in botany, zoology, microbiology, and human physiology. It includes microscopes and anatomical models. Students conduct experiments such as observing cell structures, testing plant responses to stimuli, and



understanding human body systems.

Chemistry lab

Our chemistry lab is outfitted with safety equipment, reagents, and glassware necessary for conducting experiments in physical, organic and inorganic chemistry. Students perform experiments like titrations, chemical synthesis, salt analysis and reaction rate studies, allowing



them to understand chemical properties and processes.

Junior science lab

The junior science lab caters to younger students and is designed to introduce them to basic scientific concepts across physics, chemistry, and biology. The lab features simplified equipment and age-appropriate experiments, fostering curiosity and foundational scientific skills.



Computer lab

We have two state-of-the-art computer labs, one senior computer lab and one junior computer lab, each capable of accommodating 40 students. These labs are equipped with modern PCs, high-speed internet, and various educational software programs. Students engage in activities ranging from basic computer literacy and coding to advanced software applications and digital design projects.



Capacity and conduction of experiments

Each lab can accommodate up to 40 students, ensuring that every student gets a chance to actively participate in experiments and projects. The spacious and well-ventilated labs are designed with safety in mind, featuring appropriate safety equipment and protocols. Our labs enable students to conduct a wide range of experiments, fostering hands-on learning and practical application of theoretical knowledge.