

Aerospace Laboratory Setup



MAKE - AK LABS

A complete Aerospace Laboratory Setup designed for schools, senior secondary institutions, and colleges. The laboratory includes aerospace models, aerodynamics demonstration kits, drone technology kits, flight simulation systems, propulsion models, STEM learning equipment, and modular furniture to provide hands-on education in aerospace engineering and aviation science.

LAB SOLUTION SPECIFICATION

Suitable For	Schools, Senior Secondary & Colleges
Laboratory Type	Complete Aerospace Laboratory Setup
Learning Areas	Aerospace Engineering, Aerodynamics, Aviation, Drone Technology & Space Science
Furniture	Modular Workstations with Storage Cabinets
Equipment Included	Aircraft Models, Drone Kits, Flight Simulation Tools, Aerodynamics & STEM Experiment Kits
Safety Features	Secure Equipment Storage, Electrical Safety & First Aid Compatibility
Customization	Layout, Furniture & Equipment as per Room Size and Curriculum

LAB SOLUTION DETAILS

The **Aerospace Laboratory Setup** is a comprehensive educational solution developed to introduce students to the principles of aerospace engineering, aviation, aerodynamics, propulsion, flight mechanics, and space technology through practical and interactive learning. Designed for schools, senior secondary institutions, and colleges, the laboratory

encourages innovation, scientific inquiry, and engineering skills using modern aerospace teaching tools.

The setup includes modular laboratory furniture, student workstations, teacher demonstration tables, aircraft and spacecraft models, drone training kits, aerodynamics experiment kits, propulsion demonstration models, flight simulation software (optional), STEM project kits, electronic testing equipment, and educational teaching aids. Every component is selected to provide a safe, engaging, and technology-driven learning environment while supporting project-based education.

The laboratory can be customized according to available space, student capacity, curriculum requirements, and institutional objectives. Whether establishing a new aerospace laboratory or upgrading an existing STEM facility, this complete solution equips students with the practical knowledge and technical skills required for future careers in aviation, aerospace, and space science.