

How to Set Up a TabLab for Schools: A Comprehensive Guide

13 August 2024

Learn how to set up a TabLab for schools. Contact us to choose the right setup, tablet brand, & LMS with reporting for the education program.

In an era defined by digital enhancements in schools, governments, and social organizations are increasingly seeking innovative digital learning solutions to enable personalized learning and empower students with 21st-century skills. One such solution gaining traction is the TabLab, an Education Tablet based ICT lab designed for personalized learning in schools. Aligned with the ICT Lab setup suggested by Samagra Shiksha, TabLabs is an easy-to-set-up, manage, and use solution for personalized and engaging learning experiences for K-12 students.

Prerequisites for Successful TabLab Implementation:

Before setting up a TabLab in schools, it's crucial to confirm the genuine need for the solution and its potential for consistent use. Based on our experience, it's essential to assess the following prerequisites to ensure the effective and sustainable utilization of TabLab:

Need Assessment

Verify that the school genuinely requires TabLab and is committed to incorporating it into its teaching and learning processes. It's essential to avoid implementing TabLab in schools where there's a lack of interest or understanding of its potential benefits, as this can lead to underutilization and wasted resources.

Internet Connectivity

Ensure the schools have internet connectivity for initial setup, data synchronization, and regular content updates. While the digital content is accessible offline, basic internet connectivity is crucial for continuous updates.

Dedicated Space

While TabLab can be set up in any classroom or lab, a designated space is recommended to maximize accessibility and usage across all classes. If a separate room is unavailable, consider setting it up in the staff room with wheels for easy mobility. However, if it's set up in a particular classroom, there's a possibility that it will be primarily utilized by the students in that specific class.

Security Measures

While the charging racks are safe and secure, it is still possible for someone with intent to break them. Therefore, it's crucial to establish clear security protocols, such as determining who will be responsible for locking up all the TabLab, who will hold the keys, and who will ensure the room where

the Tab Lab is stored is properly secured. These may seem like small details, but they are vital for maintaining overall security.

Reliable Electricity Supply

If there is a 3-4 hour electricity supply, the tablets will work, but it's important to ensure that the power plug is turned on. If the plug is off, even when electricity is restored, the tablets won't charge, limiting students' access to them. To avoid this, it's essential to have someone responsible for managing these small yet crucial details.

By addressing these prerequisites, we can significantly enhance the likelihood of TabLab being effectively utilized and securely maintained, fostering a positive and sustainable digital learning environment in schools.

Hear Teachers Share Their Experience with TABLAB in Action!

Let us take a closer look at How to Set Up a TabLab for Schools

Choose an ICT Tab Setup

When setting up a Tab Lab, you have the flexibility to choose between a mobile or dedicated room setup. While both are feasible, opting for a Tab Lab with integrated charging and storage offers significant advantages. This setup minimizes teachers' efforts in managing devices and allows the lab to be easily moved to any classroom or lab within the school. Alternatively, if the school has a dedicated space available, a Tab Lab can be set up there. This versatility makes Tab Labs a highly adaptable solution for enabling personalized learning on Educational Tablets in any school regardless of infrastructure.

Choose and Tablet Brand

Selecting the right tablet brand is crucial for a successful TabLab implementation. With experience in over 300 schools, we can guide you to the most suitable and budget-friendly options. Prioritize tablets that offer a smooth user experience, storage, long battery life, responsive touchscreens, and access to educational software. For government school implementation, Android compatibility is key. This is because of widespread familiarity among students and teachers with Android-based devices, ensuring quick adoption and regular usage. This will result in a seamless transition and enthusiastic engagement with the TabLab setup in your education initiative.

Choose K-12 LMS

Selecting a Learning Management System (LMS) to enhance school education is the most crucial factor. And when selecting a LMS the most significant factor is choosing a platform that caters to the diverse needs of K-12 students. An ideal LMS should support all classes, state boards, and regional languages, offering textbook-aligned content in multiple formats to cater to various learning styles. Some students learn best through practice exercises, while others prefer reading digital textbooks or watching video lessons. Therefore, an easy-to-navigate K-12 LMS on a single platform that provides content suited to different learning styles is an essential component of Tab Lab setup. This will

empower you to ensure all students receive a curriculum-aligned education in the format they learn and grasp most effectively.

Choose LMS with PAL

Your educational program for schools could focus on bridging historical learning gaps in students to achieve desired learning outcomes. Here, you can consider a Learning Management System (LMS) integrated with Personalized Adaptive Learning (PAL) for classes 3rd to 12th. The suggested LMS offers content in Hindi and English ensuring students are learning in the language they are comfortable with. We have developed our PAL software with a guided mechanism that creates personalized learning paths based on diagnostic test scores for specific chapters. It seamlessly addresses foundational learning gaps without letting students feel that they are taken to the content of below grades. This creates a non-judgmental environment for improved learning outcomes.

Choose LMS with Reporting

With ongoing reporting in your education program, you can gain data-driven insights into the improvement and impact of the implemented solutions. Our learning management system (LMS) includes offline reporting capabilities that capture the usage data of individual students and automatically sync it to your project-level dashboards. This data can then be integrated into your command control center. With this setup, you can track daily LMS usage, make data-driven decisions, and conduct repeat training. The LMS with reporting on tablets in TabLab allows you to continuously monitor and understand the impact of your setup on school education.

Setting up a TabLab for schools involves careful consideration of several key factors.

By choosing a versatile TabLab setup, selecting the right tablet brand, and opting for a comprehensive K-12 LMS with personalized adaptive learning and offline reporting capabilities, you can create an effective and engaging learning environment in schools. We hope the information above has provided valuable insights on how to set up a TabLab for your school. We would be happy to collaborate with you to enhance your school's education through our tablet-based ICT labs.

Practical Advantages of Setting up Set Up a TabLab for Schools

- **Mobility and Flexibility:** Unlike bulky computer setups, tablets with charging racks are stored in one place. The entire setup can be moved to any classroom or hall in the school. This allows teachers to transform any space – a classroom, hall, or outdoor area – into a learning environment. This mobility is especially valuable in schools with limited infrastructure or those seeking to create more dynamic learning spaces.
- **Affordability and Accessibility:** The relatively low cost of tablets, especially when considering bulk purchases for TabLabs. This significantly reduces the financial burden compared to traditional computer labs. This affordability is further enhanced by the use of open-source Android operating systems, eliminating the need for costly software licenses. Moreover, the familiar and intuitive interface of Android devices makes them easy for both teachers and students to adopt, minimizing the time and effort required to get comfortable with the technology.
- **Uninterrupted Learning:** Tablets can operate for an entire school day on a single charge of 3-4 hours, eliminating discontinuity caused by power outages.

While these practical advantages are significant, TabLab offers even more benefits to schools. Our experiences in various settings, such as the Army Goodwill Schools in Kashmir, have shown its potential to enhance the learning environment. Teachers there used TabLab to conduct classes outdoors when their schools were turned into COVID centers. Additionally, students in Rampur took the initiative to create their own TabLab schedule to ensure equitable access to tablet-based learning. These examples illustrate how accessible and effective TabLab can be integrated into schools and ensure personalized learning.

Learn more about Learning Tablets

To learn more about how to set up a TabLab for schools including school profiling, tablet brand, and LMS, please contact us at +91-7678265039 or share your details here. We're eager to guide you through the process.