

Bridging historical learning gaps with Educational Tablets

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Educational Tablets can solve the issue to a great extent. These tablets have content saved on SD cards, thus the entire content is available offline.

Educational tablets offer personalized learning experiences and are particularly adept at addressing learning gaps. They provide interactive lessons, engaging multimedia resources, and targeted exercises to bridge learning disparities effectively. By focusing on specific areas needing improvement, educational tablets play a pivotal role in fostering academic growth and addressing educational inequalities.

Let us take you through a story to explain this concept better.

Learning and it's Challenges

Radha is a class 8 student in a government school at UP. She hates going to school. Every morning her mother literally drags her to school. The reason for her dislike of school is her Math and Science teachers punish her everyday. Sometimes it is because she hasn't done her homework, and sometimes because she takes unusually long to finish a class exercise. On some days she is punished for not being able to answer questions that her teacher asks during the class.

Should we assume that Radha lacks interest in learning? Or maybe she is not working hard enough. Are we only going to blame Radha for her low scores in Math and Science? What if there is a systemic loophole in her academic tenure due to which Radha is lagging behind? There is a lot of ongoing talk about the historical learning gaps in theory, but they still remain largely unaddressed in the real word. As a result, millions of kids like Radha drop out of school sooner or later.

Reasons for low academic performance

There can be various reasons for a child's low performance in academics. Maybe the child's foundation of Math and Science from her previous classes was utterly weak. Perhaps the child lost interest in these two subjects long before and there was no one who could reignite her interest. The gap added up every year and then it became almost impossible to revive the lost knowledge that she probably never grasped. For a deeper understanding, let's take another example. For instance, if the child has not understood what actually a triangle, quadrilateral or a rectangle is; how can she be expected to solve complex problems based on these concepts in her successive or higher classes. It becomes a situation that is out of control. Either the student keeps failing or quits studies once and for all.

Also read: Why is iDream Learning App the best learning app for UP Board students.

What can be done to remedy the situation?

What can be done to eliminate this phenomenon completely? How can we make sure that the child is learning with a strong foundation and grip on concepts? How can we get familiar with a child's psychology and facilitate individualized learning?

Many students in the disadvantaged sections of our country quit school after they reach there a point where they fail to grasp the complexity of a concept or subject. Eventually they lose interest towards the same. Our educational ecosystem is not yet effectively designed to help a child bridge previous learning gaps.

Blaming teachers or schools for not paying attention to every student separately will not solve the issue. We need to avoid the blame-game and come up with innovative solutions which will not only bring teachers and students together but also keep them connected beyond school. We need to make learning enjoyable for students and create an educational ecosystem where teachers are supported to give personalized guidance to each and every student.

The idea of iPrep Educational Tablets

One of the primary challenges in the current educational landscape of the country is the stipulated time period which a child has in a classroom. It is the same for everyone. However, is it fair to make everyone bound to the same time frame? Shouldn't students be allowed to create their individual paths of learning which is independent of the amount of time it takes to build mastery?

iPrep Tablets which are educational tablets can play a vital role in enabling students & teachers to bridge historical learning gaps.

Let us find out how.

Ways in which iPrep Tablets can turn the way around:

Achieve mastery level

Let us take a real-world analogy to understand this. How much time do you think one should take to bake a cake? Rita might take up to 20 to 30 minutes and Gita may need 40 to 50 mins. It would totally vary. The result should be a tasty and yummy cake, right? Similarly, you cannot expect every child to master each topic they are learning within a stipulated time. Do they not deserve a chance to walk the learning path at their own pace?

iPrep Tablets provides a refreshingly new idea of achieving mastery in a topic. When we learn a topic, we generally concentrate on the time period within which it can be completed. But seldom do we think that it has to be accomplished with a level of mastery and a strong base.

We forget that learning it well is more important than learning it within the given timeline. iPrep Learning Tablets create that space and opportunity. With these learning devices, students can avail topic-wise assessments with instant feedback. They can appear for MCQ based tests again and again till the time they achieve 100% mastery of a particular topic.

Apart from tests, students can also watch video lessons until they believe they have built a complete understanding of the topic. Teachers too can keep track of these assessments and guide the students carefully either by retaking the assessments or assigning some personalized assessments. This way students can learn a topic in and out.

Multimedia Fun Content

Being a touch-based device students are naturally keen to use an iPrep tablet. Moreover, the variety of content we provide on these educational tablets can go a long way in determining whether students would engage effectively with the learning process. By establishing this connection, we can ensure that students are proactively excited to use the devices to learn.

Each child is unique. While Radha may like to learn by watching videos, her friend Shyam may like to learn by reading. The same solution cannot address each of their learning needs uniquely. Merely distributing iPrep tablets to government school students would end up being just another PR exercise.

At iDream, we have used years of our research in content to build a learning platform that enables us to deliver multiple categories of digital content in a single view on the iPrep tablet. This enables students to learn as per their interests. They can choose to learn by watching animated video lessons, creating their own experiments from the project videos, by reading books from the digital book library, or by Practicing and taking tests - all on the same device. Besides, these educational tablets also support them to create their own unique learning paths.

So, if two children Raju and Shyam have to master Newton's third law of motion, Raju may start by watching a video multiple times and then move on to practice. Shyam, on the other hand, may feel confident of what his teacher taught him and may straightaway jump to Practice. After answering a few questions, he may realize his lack of understanding and may then go on to read the chapter from his book. While the objective was that both Raju and Shyam should master the topic, they both chose their unique path based on their interest.

More power to teachers

iPrep Tablets have a central reporting dashboard where student reports can be accessed whenever required. Teachers can review these and follow the learning pattern of the students. Accordingly, teachers can pay personalized attention to every student leaving no student lagging behind. If we follow this diligently, it creates a genuine opportunity for teachers and students to work on bridging historical learning gaps together.

Minimum dependency on the internet

Remember, we talked about the difficulty in imparting education in rural areas due to the lack of infrastructure and connectivity. iPrep Tablets can solve the issue to a great extent. These educational tablets have content saved on SD cards and the entire content is available offline.

Hence, there is almost no dependency on the internet and even children in rural schools can use them conveniently and enjoy uninterrupted learning.

Moreover, in the post covid world, we can use the same iPrep tablets to offer the best of both online and offline worlds to the child. So, the students attend online classes from the same devices with their teachers and then look at the content offline on their iPrep tablets, the reports of which reach the teachers thereby completing the loop.

Learning at home in the times of a pandemic

iPrep tablets are a full-fledged learning system at home in even during the time of the pandemic. Parents and teachers could encourage students to use educational tablets so as to avoid gaps and discontinued curriculum. Teachers could also use these to stay connected with the students and assign regular tasks and keep the momentum going.

Inference

Some of our objectives are as follows:

- To develop a system where if a child is unable to grasp a concept is not tagged as an under performer. Rather children are motivated to keep attempting to learn the concept till the time they have mastered it well and feel absolutely confident about it.
- To always look for answers; i.e. if a child is stuck, we need to genuinely find the reasons behind it.
- To continue to make learning enjoyable in a way that our students inculcate the habit of consistency and perfection.

To know more about iPrep Tablets; reach out to us: <https://www.idreameducation.org/contactus>

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