# SMART LEARNING TECHNOLOGY

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**Annotation**
This article will talk about smart technology, about the beneficial and useless aspects of the role of modern technologies in our life today , about how high the demand for them is now.

**Keywords**: facilitate information exchange processes, reasons for the introduction of smart education, work in online mode, compatibility search options, electronic training, it technologies, progressive , traditional education, smart whiteboards, smart classmates, mobile stand.

In modern times, it is a little more difficult to console our lives without the internet why the rapid rivalries of Information Technology are taking over our lives . Now there is no influence of human capital for the development of modern education . For this reason, gradually the traditional educational expression is being replaced by the phrase smart education (smart education). Publications on the topic of Smart education appeared a few years ago, and they record the main trends in educational regulation, creating futurological prognoses for key changes in the educational system . In traditional education, in some ways, education is limited to all and all kinds of information located on web resources, without a check-limit on the internet network . Because not all information will fit into the book so the most necessary and basic parts will be placed. The introduction of Smart education will make our life easier at some point . Now let's count the aspects of its advantage:

Intelligent education is entering every field . As a basis, raw XXI-Century Technologies live in harmony with the century . Modern technologies , when used, facilitate the jargon of obtaining information, expand the possibilities of obtaining knowledge . Pensioners, students, magicians, professors, science nukes cover everyone . You get the opportunity to gain knowledge in this technology at home. At home, on the street, on a walk , in a cafe , in public places , in another country , in another city , in the province, you will not spend the entire road, funds . Almost all countries have achieved many achievements as a result of the implementation of educational jargon through groundbreaking technologies . In the next 2 years, this good result in Uzbekistan rose

well . Some of the students of the educational institution were schoolchildren, they also got acquainted with the melody of e-learning . This type of education is in direct superiority with the possibility of obtaining remote work from anywhere in the world . Connects the educational process in the main on the main element is the content of active education, its, on the basis of which the creation of single repositories that allow you to remove the frames of time and space . New smart learning technologies will become an integral part of modern education . Studying the possibilities of achieving humanity, removing the boundaries of time and space . If we get acquainted with the rules of an intelligent educational system, then they are in three directions: adaptation , search , activation of selections.

Instagram Facebook, social services such as telegram and others in the following years, at the same time gaining great popularity among young people . The use of similar technologies in the process of posting and reading by adding content has significantly improved its efficiency, quality . The previous requirement was forced to take classes . Wrote materials, information about lectures was the only source . Nowadays, the basis of demand is technology , a good knowledge of the means of searching the Internet, being able to find the necessary information on its own, there is no need to record lecture materials . But he will need a leader, and this consists in improving his studies. He must create new knowledge , direct the student to the study of the necessary knowledge and teach him using familiar technologies . Only in this way can students be satisfied with the quality of Education .

Smart education a large number of resources implies the maximum variety of multimedia , video , audio , graphics , the ability to quickly and easily adapt to the requirements and needs of the listener . This is a new educational environment in which the activities of education are conducted on the internet on the basis of general standards , technologies and agreements concluded between the network of educational institutions, and the general content is used . In general terms, what modern education prefers to traditional education or what advantages it has: progressive modern education focuses more on student needs than on thinking about the same level of understanding for all students . It is based on activities that include questioning , understanding , showing and collaborating . Another 1 of the useful aspects of modern education or smart education ensures that students work more on themselves , receive knowledge independently . It is not for nothing that a total of 120-hour hours are allocated to our student youth in the lecture hours allocated , which is why the 90-hour is not given for independent study, which means that there are many benefits to Independent Education . You will learn in search of even more if you have an independent search , without an arrow , where you do not understand . It is obvious that the knowledge you have learned by working so hard and sweating will remain in your mind for life . It is the same term and an excellent effective way for young people to orient themselves , on the way to achieving their academic goals .

If we count the disadvantages:

Not only smart education , but also all-in-one ( e-learning , Moodle, LMS, etc.) of modern educational technologies are programs that work online. In this case , the fact that the student youth only throws a lot in front of the mobile apparatus, the computer in the process of obtaining knowledge will certainly affect health . Or that they do not have any contact with friends with the outside world in exchange for their friends , fellow students , that is, sitting online during that lesson process, which makes a high chance to feel as if the student is alone and isolated . It makes it difficult for students to develop relationships with peers . There is no limited social interaction and face-to-face communication . Students who are less persistent and have no self-motivation are very likely to be distracted . Students engage in something else, losing their studies .

Problems: the student sees useful and useless things , information from the internet, because young people , students spend a lot of time on the internet, while studying in a smart educational environment . Since it is active on social networks , it will be easy to drag them in different ways, to enter . He tries to distract them from their thoughts and , as long as they understand the fishing rod

Since SMART discovered the world's first interactive whiteboard in 1991, SMART's interactive smart whiteboard has sold 2 million units all over the world. More than 1 million classrooms around the world use SMART Board Interactive Writing boards in 175 countries to train users. SMART's global market share reached 50%. Why are so many teachers interested in SMART products, and what are the features of SMART products in the field of Education?  Practical features of SMART products in the field of Education:

Smart interactive whiteboard ease of Use, SMART has been devoted to the field of education for 20 years, how interactive design is developed its always correct concept, the world's first touch familiar function: taking a pen writing, changing the finger turns into a cursor position and does not need any clicks tool to work is replaced by palm remote mode. The White whiteboard automatically detects the user's different touch movements.

The interactive concept of the Smart notebook dente interface and the interactive and operational features of the whiteboard are adapted to itself, making it easier to understand the movement of devices that regulate in the classroom. This improves the interaction between teachers and students. Interactive education complements the difference between demonstrative multimedia teaching and individual teaching in a network environment that allows the integration of Information Technology and science teaching.

Smart Whiteboard software has a powerful training function. The powerful interactive features of the steppe provide new ideas for our teaching: up to 7 pens, curtains, magic pencils, hidden, tables, transparent background, can be changed interactive flash templates, a library of educational resources, 3D functions , and an internet connection make teaching teachers more comfortable, interesting.

Smart INK function. It is possible to write, recognize, delete and follow under any software and application. In office applications, the write, delete, save and original formatting functions and the PowerPoint file are compatible with import and export functions.

SMART resource-rich resource enrichment library. Resources produced according to the new curriculum, including image, animated learning materials, audio learning materials, pages, editable FLASH activity templates, 3D resources, synchronization resources with PEP, and customized boards.

SMART training and training features. SMART has a very good education and team of educators in China, and he has rich practical experience. They draw up appropriate training and professional development courses on different clients. The goal of SMART training is not a simple functional training. The most important thing is that it is the delivery of the latest interactive teaching ideas.

Second, the complete training product line. To meet the different needs of the school, SMART has also launched SMART software and hardware products to suit different educational needs.

Smart Classroom Suite is an interactive curriculum suite, a software suite that meets all of your educational needs. Smart Classroom Software Suite is designed for teachers and students. It includes four handy software products that students will use to create an SMD notebook application, curricula, and SMART Sync educational management software with this application to make it easy for students to use. Smart Notebook is the organization of the appointment of the interagency interactive voting system SMART Response through software to achieve student assessment by graduating students through software studies. With this program, you can easily create, educate, learn and evaluate easily. This has many advantages: the Organization of Smart classrooms creates a fairly wide range of opportunities for students. A good understanding, a full-fledged study of the topic on the basis of modern technologies, the knowledge learned by themselves will be able to apply science to technologies in an effective way.

Smart Bridget distance learning programs are used in the classroom. Of course, interactive classroom teaching is not limited to one class or even one school. Sometimes there may be many schools taught at different places at the same time. Smart Bridget is a collection of remote interactive collaborative training programs applied to SMART software and hardware systems. Remote teachers use the standard S / s architecture to share computer screens directly between different locations. Teaching staff can use Windows and Mac. , iPad and other customers participate in training. Participating professors are not only able to see the screen together, but are also unable to write, draw and explain on the same screen at the same time. All written content can be saved directly to the common host in the original format. Such a long distance learning method saves costs, connects quality educational resources and increases efficiency.

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A simple example of Smart education or education rich in modern technologies is the teaching site introduced at the Tashkent University of Information Technologies named after Muhammad Al-Khorezmi, namely Lms.tuit.uz we can give an example of the . It is also significant that the possibilities are very wide and on a large scale it covers students and teachers. The benefits of this site are many forces students to study more , search , be responsible . You will become Delany if you do not post on the site while studying the given tasks in time, and this will affect you in your ranking results .

At the same time, in order for Chinese teachers to enjoy the pleasure brought by the boards, SMART strengthens the role of teaching textbooks in and is engaged in preparing whiteboards for teachers. SMART, starting in 2009, holds two SMART course contests each year, together with the Central Electro-Education Center. Since it was held for five years, the number of teachers has reached ten thousand. Board demonstration schools and seed teachers have been established throughout the country, with regular exchanges between various model schools and seed teachers. Classroom interactive whiteboard is the latest interactive whiteboard system that improves interactive teaching and collaborative learning. This truly multi-touch board system is user-friendly and without additional settings in multi-user mode. There is a mobile stand or wall-mounted or hanging installation method. Supporting wireless projection and multi-screen interaction, files can be displayed on different devices at the same time.

## Technical characteristics

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|---|---|---|---|
| Writing methods | Touch with a pen or finger | Decision | 1920x1080(2k)/ 3840x2160（4k） |
| Size | 32" ;, 43" ;, 50" ;, 55" ;, 60" ;, 65" ;, 75" ;, 80" ;, 86" ;, 95" ;, 100" yoki moslashtirilgan | Brightness | 400nits |
| Click paths | Capacitive G + G or 10 points / 20 points infrared touch | Operating system | Android / ops pc / Standalone |
| Application | Home, classroom, meeting room, medical area, training center, etc | Bottle type | 3/4 mm tempered glass |
| Installation methods | Mobile stand / wall hanging / hanging | Backlight | WLED |
| Response time | Ms 5ms | Working voltage | AC 100-240V 50 / 60HZ 1.5A |
| Displey | 16: 9 LCD displey | Max. viewing angle | 178°(H)/178°(V) |
| Contrast ratio | 5000:1 | Interfeys | USB / AV / VGA / HDMI / LAN |
| Network | LAN / WIFI | Display color | 16.7M |

A computer is installed on an interactive smart board with a touch screen monitor. Some can be controlled by finger touch or stylus, in some classes replacing traditional whiteboards or flipcharts or other media systems such as DVD player and TV. combination. It also supports real-time recording, playback at any time, and users can share their notes with others through QR scans.

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