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Organization of Independent Learning Activities of Students Based on Digital Education Technologies

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Abstract: In this article, digital educational technologies provide very convenient tools for the effective organization of independent learning activities of students. Online platforms, interactive learning methods, personalized learning plans and other digital resources provide opportunities for students to strengthen their knowledge, learn new materials and conduct self-assessment.

Keywords: Independent educational activity, virtual education, student, school, global information, visual environment, education, communication, military education, technical means, Internet, interactivity, educational technology.

Introduction: Digital learning technologies provide students with remote access to a variety of learning materials and resources, which is an important factor in developing their technical competencies. Students can complete online courses, classes, and labs on time. These platforms provide interactive quizzes, video lessons, and materials to enhance student learning. Students have access to resources such as JSTOR, Google Scholar, and ScienceDirect to access scholarly articles, research, and technical materials. Educators can make technical training more interesting and effective for students with the help of e-textbooks and interactive materials.

In technical training subjects, students should have many practical skills. To achieve this, practical training can be conducted with the help of virtual laboratories and simulations. In a virtual environment, students can simulate and study real technical processes. For

example, there will be an opportunity to create technical drawings, test the operation of machines and systems. Through programs such as SolidWorks, AutoCAD, students develop the skills of designing and simulating various technical devices. With the help of these programs, students will have the opportunity to create, study and analyze technical models used in practice.

Through these programs, students learn to model the performance of technical systems, analyze issues, and solve problems. Technical training subjects are aimed at developing students' analytical thinking and problem-solving skills. With the help of digital technologies, this process can be made interactive. Through platforms like YouTube, Khan Academy, Coursera, students can watch interactive video lessons and exercises in technical subjects at home or elsewhere. Video lessons can engage students more and increase their understanding.

Through platforms such as Moodle or Google Forms, students can test their knowledge and evaluate their results. This method helps students identify and develop their weaknesses. On digital platforms, students have the opportunity to choose their own learning methods. For example, interactive course materials, educational videos, and articles allow students to learn about topics that interest them. Through digital learning technologies, gamification and motivational elements can be used to motivate students to study. The introduction of various incentive mechanisms (point system, ratings, medals) into the educational process creates competition among students and increases their motivation. For example, students can build special kits to solve technical problems or earn points based on project work. Conducting technical competitions or contests for students encourages them to actively participate in the educational process. With the help of digital platforms, competitions can be organized online. With the help of digital technologies, students will have the opportunity to work together, share knowledge and solve problems together.

Independent learning activity is an important process that helps students to strengthen their knowledge, learn and master new materials. Modern digital educational technologies (RTT) play an important role in the effective organization of this process. Organization of independent study process of students with the help of digital technologies helps to increase their activity in self-development and learning. Below is the method of organizing students' independent educational activities using digital technologies.

Create independent study plans. Students can use

digital tools to plan their independent learning activities. Creating individual study plans and schedules. Students can create Google Calendar or other study plans and plan their activities based on it to manage their time effectively. Time management applications With the help of applications such as Trello, Notion, Asana, students can organize their tasks and monitor their execution processes. Interaction and collaboration in digital education. Student interaction and collaborative learning help students share knowledge and explore new ideas. Forums and chats. Creating forums and chats for students on online platforms, through which they can ask their questions and help each other in the learning process. Groups and collaborative projects. Students can work together in groups to conduct online research, create presentations, or solve problems. Encouraging and motivating students.

CONCLUSION

In conclusion, digital educational technologies provide effective tools for the development of students' competencies in the field of technical training. With the help of online platforms, simulations, interactive lessons, gamification and online collaboration, students will have the opportunity to strengthen their technical knowledge and develop their practical skills. Digital technologies are an effective tool not only for providing educational materials, but also for increasing students' interaction and motivation.

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