

LESSON PLANNING STAGES WITH THE USE OF INNOVATIVE TECHNOLOGIES

Inamov Dilmirza Dedamirzaevich

Annotation. Proper planning of the lesson "Higher Mathematics" will make it easier to achieve the objectives of the lesson. The teacher should gradually move from simple to complex and from known to unknown concepts in choosing what to teach and in planning lesson plans. This article discusses exactly what steps to follow when planning higher mathematics lessons and what innovative technologies to use in the learning process.

Keywords: lesson planning, learning process, lesson process, planning stages, smart classrooms, fast classes, virtual classes, mobile learning, individual learning.

Planning the stages of the lesson is perceived as an initial process in the development of the lesson session. The only way a teacher can correctly and effectively implement a curriculum is due to the fact that he correctly plans the stages of the lesson. The implementation of the lesson session takes place in the class fan. A good and comprehensive lesson plan has goals that need to be met within a specific period or set time. Therefore, the teacher must understand that, following the lesson plan, it is necessary to gradually and systematically organize the activities of students and deliver the necessary teaching materials at each stage of training. The teacher of higher mathematics should have good control over the lesson and encourage students, and be attentive to the distribution of time when planning classes. Proper planning of classes allows the teacher to achieve the goals set for the lesson session. Thus, when choosing what to teach and planning training sessions, the teacher should gradually move from simple to complex and from known to unknown concepts. We know that there is little difference between the components of educational science and the lesson plan. The subject must occupy a wider area or scope, while the subject of the lesson mainly covers the relevant information that the teacher must teach in a certain period of time in order to achieve the objectives set in the lesson. The teacher's planning of the lesson "higher mathematics" should be a factor for students to achieve their goal and achieve the result they expect from education. Therefore, when planning classes in higher mathematics, the following steps should be followed:

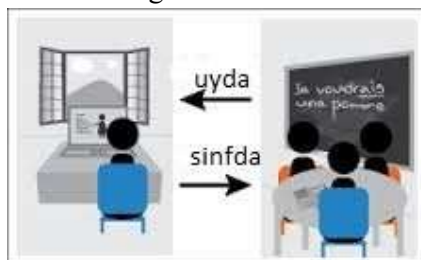
- The subject to be taught is determined from the working curriculum and calendar plan.
- * The concept of the new subject to be passed is defined.
- Within the framework of the subject taught, knowledge, skills and skills that students must master, as well as competencies are determined.
- A list of required lesson equipment and exhibition materials is compiled and prepared.

This is important because it is a tool that changes the attitude, interests and behavior of students in the course of each lesson. A pedagogical method is always chosen that students use in education, taking into account their age, their environment, available educational resources, lesson resources and visual aids.

- At the end of the lesson, it is clearly indicated what is expected of the student. It should be noted that this should be in proportion to the goals of the lesson.
- Clearly outline the step-by-step procedures that will be followed in the lesson session, taking into account the essence or features of modern pedagogical technology used in the lesson of higher mathematics.

It is very important to carefully draw an assessment strategy. These are the results of the assessment of the teacher to the student and his own pedagogical skills. Serves as a means of receiving feedback on the lesson covered. Assessment should not be limited to evaluating the results of Education. There are some areas in the subjects taught by the teacher that students may not understand or be incomprehensible. From this, another lesson should be planned that will solve such problems. When this is done, the teacher makes a real analytical assessment. A thorough planning of the lesson will help the teacher to fully control the process during the lesson.

In every aspect of life, updates are happening every day. In this rapidly developing period, teaching methods must keep pace with the Times. It is not correct to convey to the student orally or in writing only on certain parts of the information. To make the educational environment richer and more productive, teachers conduct their classes through visual presentations. This leads to the fact that the teacher has detailed and comprehensive preparation for the lesson. The classes that took place in a regular classroom were characterized by the fact that students sat for an hour, hearing monologues. New technologies make the process easier for both teachers and students. In the mass, modern lesson environments were introduced, known as "Smart classrooms", "fast classes", "virtual classes", "mobile education", "Individual Education". Through the use of innovative classrooms in education, it is possible to change the methods of education of students in higher schools and instill motivation for education, as well as increase the useful working mood of the educator. Innovation uses 2D and 3D digital learning programs capable of explaining concepts on almost all topics, exhibiting, and designing a topic on a whiteboard in designed classrooms.



Smart classrooms: Using a Smart whiteboard makes it easier for teachers to teach and students to learn. Students are more active in interactive classes. All digital techniques of Smart classrooms available at the educational institution will be connected to the server. Teachers can access the information they want during the lesson, use it for demonstration purposes, and engage students through an audio-visual journey and help them learn better in the first place. At universities, there is a need to use more digital technologies to communicate with students who are well versed in Play Station and I Pads. The transfer of mathematics lessons in Smart classes forms a real education fan that will cover students more to the lesson.

Smart classrooms: students learn the material by watching videos at home and then come to school. In the classrooms, students will have more time to engage in more dialogue with the teacher and fellow students over questions that are born to them on the subject. This method of Education solves the usual problem in a mathematics lesson that is, students listen to a lecture passively, while in practical training they have time to master only relatively easy issues, as a result of which they have problems mastering Independent Education. Instead, through this method, students are given the opportunity to solve the "difficult" problems of the subject with the direct help of the teacher and peers in mathematics lessons. Some teachers ask students to watch the video at home, while others allow students to watch video lessons in the classroom without having to watch the video before class. Students who see the video at home will have more time to work with fellow students and will be able to ask the teacher for help to solve the problem they were born with. Smart classrooms are similar to traditional classrooms, but in order to increase the efficiency of this classroom, we often have the right to start training with basic questions that reinforce question and answer and lesson concepts in the video.



Virtual classrooms: Virtual classroom is an online learning environment in which students and teachers interact. This definition is cited by Finkelstein in 2006, which describes the virtual classroom in an online environment in the form of visual communication in which teachers and students communicate face-to-face. Florense Martin and Michele A. lar gave his Merlot Journal of Online Learning and Teaching magazine "Use of Synchronous virtual Classrooms: Why, Who, and How?" In his article entitled "[1] he stated the following. "Virtual classrooms allow students and teachers to communicate synchronously. In addition, these study rooms have features such as the implementation of audio, video, text conversations and the use of an interactive whiteboard." For this to be done, it is necessary to organize an online environment to establish a computer-mediated communication system. The advantage and some features of the virtual classroom in the learning process are as follows: assignment folders, sound features, blogs, chat room, video components, simulation tools, assessment books, emails, online calendars, exams and quizzes.



Blended Learning (mixed learning): The concept of Blended Learning has aroused a lot of interest in the field of education over the past few years. Mixed learning is an educational approach that combines online teaching materials and classroom lesson methods based on traditional learning at the same time, summarizing their specific capabilities. To carry out such a form of teaching, the participation of the teacher and the student, time, place, path, as well as the supervision of the teacher over the students will be necessary. [2] [3] [4]. It studies through the partial delivery of course materials through digital and online media, which have some elements of student control when the teaching method is applied. While this can be a big step for some teachers, the teacher should be able to control the noise of students at the same time and get their attention, as well as encourage active students. Blended Learning is not just moving work papers to a device or computer. Through it, students can start mastering the relevant mathematical materials partially independently. Because technology does not replace the technology of teachers or teachers, both of them are very valuable. This method is a combination of teacher, student and technology in the educational process and gives the student independence to receive independent education in some processes.



Education: The generation of students studying in the era of digital technology is taking a significantly different approach to learning. They are used to accessing several fast sources of information, social interaction with peers through multidisciplinary mobile devices. The combination of mobile technology and the "digitally improved" social skills of today's generation requires new solutions in the current educational concept. Mobile education is the application of comprehensive handheld technologies, along with wireless cellular networks, to expand access to education and training. The use of this method is convenient in cases where students are geographically dispersed.

Individual education: it is a technique that offers an educational environment that is organized in order to meet the individual needs of each student. The course process is adapted to the

specific interests of different students. The educational goals and content, as well as the method and pace, can be different in the Individual educational environment. Individual education involves differentiated education that supports students to develop their studies based on their personal capacity on the subject. In education, it is important to assess each student academically and know their strengths and weaknesses, knowing what stage of the educational process you are at.

In a nutshell, the correct planning of the stages of classes and the use of innovative technologies in the process of classes are the most fundamental factor in achieving the goal.

REFERENCES.

1. Florence Martin, Michele A. Parker/ MERLOT Journal of Online Learning and Teaching Vol. 10, No. 2, June 2014.
file:///C:/Users/007/Downloads/martin_0614.pdf
2. "Enhancing Students' Language Skills through Blended Learning". Electronic Journal of E-Learning. 14.
3. A.B.Friesen. "Report: Defining Blended Learning". Norm (2012).
4. "Blended Learning (Staker / Horn – May 2012)" (PDF). Archived from the original(PDF) on 2013-08-21. Retrieved 2013-10-24.