

INNOVATION AND EDUCATION: MODERN APPROACHES AND DEVELOPMENT PROSPECTS

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Аннотация: В данной статье инновации и образование анализируются как взаимосвязанные понятия. Рассматривается роль инновационных технологий в повышении качества образования, а также возможности и проблемы их внедрения. Кроме того, обсуждается готовность современного ученика и учителя к инновациям, цифровые компетенции и креативные подходы.

Ключевые слова: инновации, образовательные технологии, цифровая компетенция, креативный подход, STEAM, интерактивные методы.

Annotation: This article analyzes innovation and education as interconnected concepts. Dog examines the role of innovative technologies in improving the quality of education, as well as the opportunities and challenges in their implementation. In addition, the article discusses the readiness of modern students and teachers for innovations, digital competencies , and creative approaches .

Keywords: innovation, educational technologies, digital competence, creative approach, STEAM, interactive methods.

The 21st century education field in front of standing the most current from issues one is this innovative technologies effective current Because modern in society information of the flow increase , digital of technologies development and labor in the market requirements is changing . Education and this demand and to needs adapt can at the level flexible , interactive and creative to be Innovations exactly this to changes answer give can powerful is a tool .

Today on the day education in the field changes fast at a pace is happening . Digital technologies , new pedagogical approaches and globalization education to the process his/her own new requirements is putting . This attitude with modern teacher only traditional knowledge giver not , maybe innovative ideas active

applied to the individual needs of students adaptable and himself permanent accordingly developing leader to the person rotation need .

Innovative teacher is pedagogical in the activity permanent the news implementation modern , modern technologies and methods students who use creative to think and independent knowledge to take encouraging He is an expert . He is his professional skill to increase striving , education process further effective and interesting to do movement does .

Innovation is news input , available systems improve , new method , tool or technology to practice current to do that means .

Pedagogical innovation is education process effective organization to grow for new method , technology , organizational form or training environment create and current is to reach .

In education innovation importance

- Lessons interesting and effective organization to do ;
- In students independent thinking and problem solution to do skills development ;
- Teacher's professional skill increase ;
- Education process to the person directed as organization to grow ;
- Remote and mixture education opportunities expansion .

Innovation advantages

- Lesson quality and efficiency increases ;
- In students motivation increases ;
- Knowledge to practice implementation to do it becomes easier ;
- Student in the center organization done education is provided ;
- From a distance standing teaching opportunity is created .

Innovative of education main principles

1. **To the person orientation** – every one student's interest , potential into account to take .
2. **Activity** – student in class active participation to provide .

3. **Analytical approach** – thinking , comparing , evaluating skills development
4. **For information justification** – digital sources , via the internet knowledge to take .
5. **Collaboration** – teamwork work , social activity .

Innovation current in the process of being problems

- Teachers' digital literacy enough at the level it's not ;
- Technical base and with the internet provision enough it's not ;
- Parents by new approaches lack of support ;
- Methodical help and qualification increase of courses sluggishness ;
- Education of programs to innovations suitable not .

Innovative teacher – modern education is a requirement

Modern teacher not only knowledge giving , maybe :

- motivator ,
- coordinator ,
- consultant ,
- from technologies user to be an innovator necessary .

That's why for , educators following in the fields own on performance must :

- Digital competencies ;
- Methodical news ;
- Psychological stability ;
- Communicative skills .

Modern education system effective performance and quality in increasing innovative teachers role extremely important . That's why for educators preparation and their professional activity support regarding systematic and complex approach demand Training and supporting innovative teachers is a key condition for improving the quality of modern education. This ensures the effective functioning of the entire education system and provides the future generation with modern knowledge and skills.

Innovation is time demand . Today on the day education process ineffective , old-fashioned styles with take to go possible not . The students thinking level , information was need and social activity increased in the circumstances , teacher innovations own to the activity implementation to be able condition . Innovative approaches through education in the process student person every one-sided develop it to life preparation possible . Innovative teacher is education process important condition and modern society He is demanding . He is his technological literacy , creativity and flexibility with education quality increases , students active , independent and critical to think road opens . That's why for pedagogical education in the system innovative teachers preparation and them support according to systematic affairs take to go necessary .

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