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STRATEGIES FOR PERSONALIZED LEARNING

Personalized learning, as an educational approach, has gained considerable attention in recent years. This abstract explores the strategies of personalization, their applications, and the advantages they bring to the teaching-learning process. Personalized learning strategies involve tailoring educational experiences to individual students' needs, interests, and abilities. These strategies are used to enhance student engagement, motivation, and academic performance by providing customized learning experiences that cater to each student's unique learning profile.

The strategies of personalization encompass various elements, including content, pace, assessment, and resources. Content personalization involves adapting the curriculum to align with individual students' readiness levels and learning styles. Pace personalization focuses on allowing students to progress through the material at their own speed, enabling those who need more time for mastery and challenging those who can advance more quickly. Assessment personalization involves utilizing formative assessments and data-driven insights to understand each student's strengths and weaknesses and provide timely feedback. Lastly, resource personalization aims to offer a diverse range of learning materials and tools that cater to individual learning preferences.

The application of personalized learning strategies in the teaching-learning process is manifold. These strategies foster a more student-centered approach to education, shifting the focus from a one-size-fits-all model to a tailored, adaptable experience. By addressing individual needs and preferences, personalized learning strategies promote deeper understanding and retention of the material. They also contribute to increased student engagement and motivation, as students have a sense of ownership and autonomy over their learning journey. Personalized learning strategies can be applied across various educational settings, including schools, higher education institutions, and online learning platforms. Gamified apps and software create an engaging learning environment, where students can earn rewards and achieve milestones as they progress through modules [1; p. 97].

The advantages of employing personalized learning strategies in the teaching-learning process are substantial. Firstly, personalization leads to improved learning outcomes. The use of strategic learning helps students to become more independent and self-reliant subjects of the learning process, who can also apply certain strategies in their future professional activities [2; p. 122]. By tailoring the content to each student's level of readiness, students are more likely to grasp and retain information. Moreover, personalized learning supports a diversified and inclusive approach to education, catering to the unique needs of students with diverse backgrounds, learning abilities, and disabilities. Inclusive education is essential for fostering a more equitable and just educational system.

Personalized learning strategies also enhance student engagement and motivation. When students have a say in what, how, and when they learn, they become more invested in their education. The students' vision of a strategy for achieving the heights of professional excellence involves them passing through certain stages, each of which marks the mastering of new levels of professional competence [3; p. 46]. This increased engagement results in higher attendance rates, reduced dropout rates, and a more positive attitude towards learning.

Furthermore, personalized learning strategies promote the development of critical thinking and problem-solving skills. By allowing students to choose their learning path and explore topics of interest, they are more likely to engage in deeper levels of cognitive processing. This approach fosters the development of essential skills that are highly valued in today's knowledge-based economy.

In addition, personalized learning strategies contribute to a more efficient use of instructional time. Students who can progress at their own pace are less likely to experience unnecessary repetition of content they have already mastered, and those who need additional support can receive it when and where it is most needed. This flexibility optimizes the use of instructional resources.

Moreover, personalized learning helps teachers become more effective educators. By using data-driven insights, teachers can better understand the needs and progress of individual students. This information allows instructors to tailor their teaching methods and interventions to suit the specific requirements of their students. Furthermore, teachers can use their expertise to curate and create personalized learning materials that align with the curriculum and student needs.

In conclusion, personalized learning strategies offer a promising avenue for educational improvement. They cater to the diverse needs of individual learners, enhance learning outcomes, foster engagement and motivation, develop critical thinking skills, optimize instructional time, and empower educators to provide more effective instruction. Implementing personalized learning strategies in educational institutions represents a commitment to creating a more equitable, engaging, and student-centered learning environment. As technology and educational research continue to advance, the further integration of these strategies into the educational system is poised to offer even greater benefits to learners and educators alike.

References:

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