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Flipped Classroom Enhances Students' Performance in Physics Learning

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A flipped classroom is an instructional strategy and a type of blended learning that reverses the traditional learning environment. Instead of spending entire periods watching a lecture, students watch lectures online outside of class time and use class time to do activities. The 35 pre-engineer students had been taught by flipped classroom on the topics of work and energy in Physics course. The study shows that the use of the flipped classroom in the learning process enhances students' motivation and improves their performance more than traditional classroom

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