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Volume 3 Issue 3

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Page | 2

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DIFFERENTIATED INSTRUCTION FOR MIXED-ABILITY CLASSES

Sevinch Rustamova,

The student of the Philological faculty, Uzbekistan State University of World Languages, Tashkent, Uzbekistan

Abstract: This article explores the role of differentiated instruction (DI) in addressing the diverse needs of students in mixed-ability classrooms. It examines how adapting content, process, product, and learning environments can improve achievement, engagement, and inclusion. The discussion also highlights common challenges, including workload, limited resources, and assessment complexity, while suggesting strategies such as flexible grouping, tiered assignments, and technology integration to make DI more effective.

Keywords: Differentiated instruction, mixed-ability classrooms, flexible grouping, tiered assignments, student engagement, inclusion.

Introduction. Students vary in preparation, learning styles, interests, and past knowledge in almost every classroom. Some pupils find traditional "one-size-fits-all" instruction boring, while others feel overburdened. Because teachers are required to work with a diverse range of students at the same time, mixed-ability classes are particularly challenging. By tailoring education and learning to meet the needs of each individual student, differentiated instruction (DI) aims to address this. By doing this, it seeks to improve the effectiveness and equity of education (Tomlinson, 2001).

What Is Differentiated Instruction? In order to accommodate student diversity, differentiated education entails modifying the learning environment, method, product, and content (Tomlinson, 2001). Teachers might, for instance, create tasks with tiers, employ flexible grouping, or provide pupils options.

Evidence of benefits.

1.Academic achievement. Differentiated instruction has been shown to enhance learning results. Students in DI classrooms outperformed their peers in traditional education in a quasi-experimental research on reading comprehension (Interchange, 2021).

2.Engagement and inclusion. DI increases motivation, encourages inclusiveness, develops student involvement, and facilitates collaboration among mixed-ability learners, according to studies conducted in EFL contexts (Bhandari et al., 2024). Comparably, differentiated approaches foster involvement and a feeling of community (Arifin et al., 2024).

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3.Self-esteem and motivation. Students feel more confident and satisfied when the tasks are appropriate for their level of preparation. According to reports, because DI challenges students more adequately, it lowers boredom and frustration (GIIS, 2024).

Key strategies for implementation.

- a) pre-assessment and ongoing assessment. Prior to lesson design, teachers should utilize tests to determine students' learning profiles, interests, and readiness. Throughout the process, formative assessments aid in modifying instruction (Teacher Axis, 2024).
- b) flexible grouping. Groups ought to vary based on the assignment or the development of the students. Peer support and focused learning are promoted by both homogenous and diverse groups (Mana Education, 2024).
- c) tiered assignments. All pupils will be pushed without feeling overburdened if assignments are given at different levels of complexity (Interchange, 2021).
- d) multiple modes and resources. Learners can receive content in ways that best suit their abilities by utilizing interactive tools, audio, pictures, and texts.
- e) student choice. Giving pupils a say in how they exhibit their learning boosts their sense of motivation and ownership.

Challenges and solutions. When creating a variety of activities, teachers frequently battle with time and workload. Pressure can be lessened through cooperation and shared lesson preparations. Free internet resources can be used to get around resource constraints (Patel & Kim, 2024). Another challenge is teacher readiness, as many feel unprepared to administer DI. Peer mentoring and professional development are essential (Rahmawati, 2023). Lastly, rubrics, well-defined procedures, and adaptable grouping techniques can be used to address assessment complexity and classroom management.

Conclusion. One effective strategy for running mixed-ability classrooms is differentiated education. It fosters self-confidence, increases engagement, fosters inclusion, and raises academic accomplishment. It also requires training, resources, and effort. To overcome these obstacles and provide equitable and productive learning environments, educators and educational institutions must work together.

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Volume 3 | Issue 3 | 2025 | Page | 32

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RESEARCHCE

Volume 3 | Issue 3 | 2025 | Page | 33