



# The Peerian Journal

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## The Importance of Different Visual, Observational and Instructional Media in Pedagogy

**Akramova Nigora**

Tashkent State Pedagogical University, Senior Lecturer of the Department of Foreign Languages in Specific and Natural Directions

**Annotation:** Although educational organization is implicitly concerned with the grouping of students for educational experiences and instruction, it does draw on psychological theories of learning to some level. That will require creating intricate schedules, but it will also provide the benefits of other, more strictly systems without adding a lot of their drawbacks. For one thing, maintaining some age-based grouping is crucial as a link to extracurricular activities, where age peers frequently spontaneously gather. We can explore some specific information about the value of various visual, observational, and instructional media in pedagogy in this article.

**Keywords:** visual, observational, instructional, media, modern pedagogy, students, psychological, educational learning, process

Generally speaking, students are grouped by age into what are known as grades, classes, or forms. Additionally, every school is often either comprehensive (with pupils studying a range of academic, commercial, and vocational courses) or built on the alleged dual design (containing only students pursuing a particular curriculum). There may be schools for technical or vocational study, schools for more broad, "modern," varied education, and schools in some nations where the dual system is genuinely tripartite. Schools usually use some form of streaming or multi tracking where children are grouped according to ability so that there are separate courses for the more and less competent. This is true whether the school is comprehensive or dual-plan.

Streaming and grading have received a lot of flak. Some educators are uneasy about the rigidity of the two systems, especially when complete education is viewed as including more than academic success. With the introduction of the non-graded school, where grades are eliminated and pupils are assigned individually to "phases" for each topic, several nations, most notably the United States, have made some progress toward resolving this issue. Similar solutions include having non-grade children participate in core topics like math and their native tongue while reuniting with their age peers for other school activities. However, there is a form of intelligence grading in such systems, and egalitarians are apt still to be suspicious of them. There is scarcely any clear evidence of the effectiveness of the wholly non-graded system. It would seem probable that the optimum organization may be to combine grading with non-grading.

The ideas of general-purpose classrooms, open-plan teaching, and team teaching are products of today's interest in educational resources. The concept of general-purpose classrooms is predicated on the notion that the school curriculum may be broken down into a small number of significant fields of intellectual overlap, such as the humanities, languages, and sciences. Ordinary



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classroom and lesson-period divisions vanish in favor of a genuine mobility between teachers and students as they utilize the various resources available, including library and laboratory facilities and various educational aids. The total resources available for teaching in each of those areas, including teachers, are then made available in one common teaching space (see below Instructional media).

The open-plan method is used to introduce similar concepts in the preschool and primary schools. However, there is not enough data to determine if the systems are effective at the primary or secondary levels. Teachers' attitudes and behavior continue to be the most important factors, and they can still need some seclusion for their instruction.

The goal of team teaching is to increase the effectiveness of non-streaming, provide a flexible learning environment, and better utilize the potential of every teacher across all subject areas. For instance, a larger number of students and a team of teachers who combine their efforts can replace the typical class of 30 students with one subject teacher. The team plan might take many different shapes, but it usually includes some diversity.

- large-group education, in which a lecture hall is used for the program's complete enrollment of between 50 and 150 students, who are periodically taught by one teacher (either the same teacher or a number of teachers in rotation);
- Small-group instruction, which alternates with large-group instruction to allow for discussion, reporting, and idea exchange between a few students and a member of the teaching staff; independent study, in which students are assigned personal projects or library work;
- team planning meetings where the instructors plan, coordinate, report on, and assess their programs on a daily or weekly basis.

The alleged advantages of team teaching are that it better utilizes each teacher's unique interests and strengths, that it prevents needless repetition, especially in such fundamental subjects as native literature, where several classes led by different teachers typically cover the same material, and that it is a beneficial practice to teach in front of one's colleagues in order to receive some evaluative feedback. Although it is still done, categorizing kids according to ability is still a concern. Formal examinations are used to segregate students based on ability, and many people believe that such separations are neither socially desirable nor reliable.

In general, educators view instructional media as tools rather than as a teacher's replacement. Teachers spend an excessive amount of time on routine tasks, such as gathering and assigning books and materials and marking, or grading, which could be partially eliminated if aids could be designed to allow teachers to focus on their primary responsibility of encouraging understanding, intellectual curiosity, and creative activity in the learner.

Teachers can present their subject anyway they see fit during in-person lectures and in audiovisual recordings, but audience reception is typically weakly passive as there is little chance for a two-way exchange of ideas. Additionally, taking notes during lectures might consume a lot of students' energy, which hinders thinking about the material. Recordings enable one to store lecture material and to use it on occasions when a teacher is not available, but they are rather detached for young learners and seem to evoke better results with older students.



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Although recordings make it possible to save lecture content and use it when an instructor is not accessible, they are not as engaging for younger learners and seem to work better with older students. Language laboratories are study spaces with electronic sound reproduction equipment that allow students to record and hear their own voices while practicing pattern exercises and hear model pronunciations of foreign languages. These operant learning laboratories are efficient, and once a basic vocabulary and grammar have been developed, the learning may be transformed into an engaging kind of problem solving.

Objects and models that are displayed physically or digitally, diagrams, charts, graphs, cartoons, posters, maps, globes, and photos, as well as movies and films, are all examples of useful visual resources. Facilities include museums, classic blackboards, bulletin boards, display cabinets, and electronic whiteboards. Visual and observational programs often involve demonstrations, dramatizations, experiments, and creative activities as well as field visits and the utilization of visiting authority (often referred to as resource people).

In general, abstracting, and explaining that make up human learning involve the use of drawings and diagrams, fieldwork, as well as fabricated experiments and observations. However, in order for them to serve that purpose, an adult mind's interpretation must go along with their use. Since children's and teenagers' abilities to understand and infer frequently err, the teacher must provide careful clarification and discussion. Visual materials by themselves could potentially be detrimental; for instance, sprinkling attractive images throughout a historical text does not guarantee that the reader will have a better grasp of the period. Geological, ecological, archaeological, and geographic fieldwork all present similar challenges. In the case of archaeological and geological fieldwork, what is seen rarely paints the whole picture and offers an incomplete view of the past. Teachers must either lead their students to fill in the blanks or do so themselves.

Traditional education has been based mostly on reading and writing. Both presume strong language attainments and the capacity to think formally and respond to another mind, for a textbook is fundamentally a way of communication between a remote teacher and a reader. A textbook's content is a sample of a subject area that has been distilled to a level appropriate for the reader. Since there can be no feedback for the writer and the sampling in the book and exercise may be arbitrary, the teacher has to take on the writer's responsibilities.

Reading and writing are forms of programmed learning. Linear programming, the simplest type of programmed instruction, breaks a subject down into its component elements and puts them in a sequential learning order. Students are obliged to respond at every stage of their reading, and they are informed right away if their response is correct or incorrect.

The usage of computers in the classroom is very beneficial. They can instruct students, solicit their comments, provide feedback on the results, and alter the course of the students' subsequent education accordingly. Computers can also be used to assess each student's progress, compare it to prior results, and then suggest to teachers which lessons from the curriculum to cover next. In a fully computer-assisted instruction program, the computer takes over from the teacher in providing the learner with drill, practice, and revision, as well as testing and diagnosis. The form of the teaching may be simply linear or branching, or it can be extended to thinking and problem solving by simulation.



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**Conclusion.** Since the learner is not just a responder, conditioning theories do not fully explain school learning. The learners' complete conscious structure, which is made up of the outcomes of experience, prior instruction, attitudes, and their own capacity to critique and modify their own reactions, stands between the stimulus and the response. Simple reinforcement is also insufficient because there is no exclusive one-to-one relationship between the stimulus and the response. A single stimulus may elicit numerous responses, whereas a single stimulus may elicit several responses. These serve as the behavioral foundations for the development of concepts and the consequences of topic transfer. The two fundamental types of stimulus-response learning offer a foundation for understanding academic learning, but the complexity of academic achievement calls for much elaboration on the simple model.

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