

1966

Conference on Articulation in the Sciences Between Junior Colleges and 4-Year Institutions

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head projector as it had been used in class.

In general, the students seemed to like its use. "It is a great improvement over using the blackboard or the wall charts. One can see things develop much better through the use of the projector. You can not see this on the blackboard because the teacher is in the way while she is writing". "With the overhead one picture at a time can be seen, while with a blackboard you have a cluttered bunch of drawings, word, etc., and your attention is not focused on one thing very easily". "It is like starting on a clean blackboard each time you turn that deal you write on." "It is in a position that everyone may see and is clearer to read as it doesn't tend to reflect light from the windows." "We can hear you better when you face us". "It is nice to just turn the crank and get the whole picture like a movie. On a blackboard you don't get this continuity".

"The transparent ink helps especially if it is applied during class". "Micrographs are easier to see and understand with the use of inks." "The transparent ink helps me understand cycles much better than if they were just explained without drawings or in one-color drawings" "The use of colored ink helps to unify a chart and show relationships".

"The whole lesson can be written on the transparent paper before

class." "I like to have a copy of the diagram you are using to write on and keep."

"It is much clearer when we are telling each other about our experiments when we can use the overhead projector to show the rest of the class our charts."

Personally, I like to use the overhead projector. I can watch the students reaction so much better than when I was illustrating on the blackboard or using the wall chart. I find it takes less time and energy to draw small diagrams on the acetate roll. It helps to arrange illustrations in an orderly sequence and to keep the entire series until the topic is completed. It is easy to refer back to material just discussed.

A Word of Caution

The machine need not be used all the time every day. A good picture is worth one hundred words but words that do not clarify the topic under discussion merely confuse. Its over-use could make a very teacher-dominated class. In other words, it should not be used just for the sake of use, but only as a teacher-student helper.

Bibliography

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CONFERENCE ON ARTICULATION IN THE SCIENCES Between Junior Colleges and 4-Year Institutions

A 1½-day conference on the articulation of science teaching points up the increased activity of the ISTS and the Iowa Academy of Science. This joint effort to sponsor a conference devoted to some of the problems of science teaching in Iowa's colleges and universities was coordinated by Dr. Robert Yager, Iowa City, and Dr. Leland Johnson, Drake University, Des Moines. The National Science Teachers Association gave support to the Conference and took the responsibility for publishing *Proceedings of the Conference*.