

ACTIVITY BASED AND WEB SUPPORTED MEASUREMENT AND ASSESSMENT MATERIAL DEVELOPMENT

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Abstract

Teachers have positive thoughts about the functionality of the new assessment techniques but it is seen that they are expressing negative factors in usage of measurement and assessment methods as class size, the time factor, and lack of knowledge. At the same time, it is observed that there are some negative factors in the educational institutions reported by teachers. These negative factors can be described as technical deficiencies in institutions, limited class hours, expensive course materials, and the lack of time left for experiments in the curriculum. For the reasons described above, ideas come to the fore that teachers have some trouble in the usage of alternative measurement and assessment tools, methods and techniques and it is a requirement that preparing of activity based science education materials. In accordance with these reasons, ASSURE instructional design model that aims improving efficiency in material selection and use with the pre-planned systematic teaching is used in the creation of prepared material. With the usage of web material about “the systems in our body” for secondary school sixth grade students it aimed that to eliminate the learning disabilities of students in learning process.

Keywords: Alternative measurement and assessment, web supported science teaching, ASSURE.