

## عنوان مقاله:

An Inquiry into Fundamental Development Plan with Respect to Prerequisites of Natural Sciences in Primary Schools

## محل انتشار:

مجله تجارب تعلیم و تربیت، دوره 2، شماره 2 (سال: 1398)

تعداد صفحات اصل مقاله: 30

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## خلاصه مقاله:

The present research aims to inquire into fundamental development plan with respect to prerequisites of natural sciences in primary schools and it has been carried out in two phases. Qualitative- inductive analysis was used in the first phase and quantitative content analysis was employed in the second phase of this study. Given the importance of the subject and limitation of research population, sampling was not done for statistical population in fundamental development plan in the first phase and total statistical population was studied. The textbook of natural sciences and validity of this technique was confirmed by means of judgment of experts. The resultant data were analyzed using descriptive statistical indices and by means of Shannon's entropy method. Among the studied dimensions in the second grade class, the highest rates of information weight and importance coefficient belong to item of placement of learner along with axis of learning activities i.e. 0.911 and 0.032. In third grade of primary school, variables of placement of learner on the axis of learning activities and familiarity and training thinking process skills, the importance coefficient rate and their information weight were ranked with 0.885, 0.829 and 0.029 and 0.029 respectively. The lowest information weight and importance coefficient belongs to paying attention to independent study, potential for working and use of digitalized sources and training CDs i.e. 0 (zero). Overall, paying attention to fundamental development plan in education is essentially important in production of content

## کلمات کلیدی:

Fundamental development plan, Natural sciences, Primary schools, Content Analysis, Shannon's entropy

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/984822>



