

Conducting Research Underlies the Education and Learning of the Teachers and Students

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Abstract:

Research is the chief element of producing knowledge, learning and education. Today, any country, both for instruction and education and teaching the brilliant talents, elites and teachers, the most obvious growth index pays due attention to academic and research competencies. The experience of the developed countries indicates that the most effective factor for their success, is to take serious action in respect of research within every field as well as using modern research findings for the improvement of the lifestyle and society and make a progress toward the excellence and advancement. This matter has given rise to the education of teachers and students and conducting them toward a better academic and more dynamic future. Obviously, a society will prove successful in the academic and research excellence which the (research oriented) professors and university students and more importantly the students and teachers, especially in the fields of research and learning are educated with modern techniques. Since the globally accepted paradigm for the development of countries, is dependent on the knowledge based development, therefore, putting extra emphasis on research can underlie learning and education.

In this study, an attempt is made to deal with the components, significance and role of research in the learning and education of the modern teachers and students and the necessity to accomplish new research and academic achievements.

Key words: Research, Learning, Education, Teachers, Students, Components.

Introduction

Importance and value of Research

Research is of particular importance in all countries especially developing ones. Therefore, it enjoys prominent position. Research is considered as the substructure of every country. In other words provided the research, its methods, and steps are learned, things that the educated generation particularly the students should be informed, the economic, scientific, industrial, technological, and educational infrastructures of every country are built and the elite generation, the school, college

and art students of each country are allowed to reach their great purposes and compete with other countries to reach the border of development.

Research has been defined as "it is the systematic experience and analysis of information to answer the scientific questions so that it ends up in innovation". Today, the clearest growth standard of each country whether in terms of training or raising and instructing the students of brilliant talents, the elite, and teachers depend on the scientific and research abilities of that country.

Research is seen as one of the main causes of providing knowledge, learning and teaching. To familiarize the college and school students with the school and academic researches and help them to get to know with different kinds of scientific researches, necessary preparations should be made to introduce the research methods and techniques.

One of the ways for motivating the young generation, in particular, the school and college students and men of learning into research is to create the motive among children, teenagers and college students to do research. Secret to achieve this is to integrate the educational programs into research in field of universities, school, and the scientific centers (Yoosefi, 1382:51).

One of the ways to gain the knowledge of research is to act methodologically and to know how to practice the research "method".

Outspread teaching of research methodology in all academic and school sciences and fields makes the school and college students involved in research, promotes the research culture in society and increases the quality of their researches. It is said that it owes to the attention of the school, the educational system, and the universities of each country.

Every body knows that teachers and professors should provide the requirement and use all the available facilities to lead and move the school and college students forward to do research.

*** Direction into writing Article**

Article is the unit of science production in school and further in university. Article is counted as "a unit of thought" (Fotoohi, 1393:23). Writing article has its own skills and techniques which require that its special structures, principles, and methods are taught, the things that are the objects of the attention in writing article. It is said that these articles can move the wheels of the economy, technology, industry, and science of a country. The methods of writing the printable articles in the international journals should be learned prior to the students, entrance into college and university to enable them to access to the articles and their edition more easily when they come to university.

***Necessity Of Learning the Aims and components of Research** The most significant constituents and purposes of research which are essential for every school and college student and generally every researcher's learning are as follow : Description,

clarification, Explanation (Confirmation), Evaluation, Recommendation, and Exploration (Razi, 1394 : 13 on) .

Description : It is to answer the questions which asked about what and how . School and college stugents and teachers should learn how to deal with their own research questions of what and how .

Clarification : Here, researcher intends to answer the causes (why QS) . Following description, students should learn to answer the causes (why) to be able to present a comprehensive, complte research .

Explanation (Confirmation) : Explanation is the goal of the questions which seek to find the reasons for confirming or refusing the beliefs, attitudes and ideas or the questions that want to state why a condition is true or not . School and College students should reach this goal to be able to gain how to prove a topic or an idea .

Evaluation : f school and college students want to judge about a topic or a theory and evaluate its results and effects their aim is of evaluation kind . To attain this end, students should learn to compare “ what it is “ with “what it should be “ and to show the strengths and drawbacks .

Recommendation : This step is to set “ dos and donts “ . School and college students should learn to present procedure or set the rules to improve the status of their own idea.

Exploration : At this step, school and college students learn to get the initial insight into a topic for which they have no required information .

*** Data Collection Methods**

Before doing the main research, teachers, school and college students should know how many methods are to collect data . It is because this step heips them to take better benefits of the research . Teachers, duty calls for teaching these methods to the students in the best way . These methods are divided into two parts :

1) Field Method 2) Library Method

Field methods is used in researches on social studies, educational studies, and psychology . Libray methods are mostly used in human sciences because, regarding methodology, the most general research tool is the book in essence .

It needs to mention that researchers should know both methods are useful in some sciences and fields and in fact the intention is to mix both .

*** Kinds of Research with regard to Purpose**

One of the other things that is worth to be known by teachers, school and college students is the differents kinds of research in respect of the purpose . In principle, concerning the purpose, research is divided in to three groups : Basic, Applied and operational that researcher should have a whole knowledge of these three methods to attain the function of the research . All sciences are involved in these three groups .

*** Conclusion**

Primary components and purposes of the research which every school and college student and generally each researcher should learn are : Description, clarification, Explanation (confirmation), Evaluation, and Exploration . prior to do main research leachers and school / college students should be informed of data collection methods including Field and library and different types of research in terms of purpose which are divided into three groups of Basic Applied, and operational . Students should be aware to learn the methods of writing article before entrance to college and university, the methods that are per se the science production unit in university and are considered as “ a unit of thinking “ . They possess their own skills and techniques and are able to run the economic, technological, industrial, and scientific wheels of a country .

References

- Razi, Ahmad (1394) ; **Research Methods and Skills in Literature and Reference studies**, 2 nd Ed, Tehran : Qatreh .
- Fotoohi, Mahmood (1393) ; **Principles of writing scientific – Research Article**, 12 th Ed, Tehran : sokhan .
- Yoosefi, Hossein Ali (1382) ; **R esearch and writing**, 1st Ed, Mashhad, chapar.