

CONNECTION OF THE SUBJECT OF TECHNICAL CULTURE WITH THE PROFESSIONAL ORIENTATION OF PUPILS

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Abstract: In this paper, the emphasis is placed on the connection of the subject of technical culture with the professional orientation of pupils in the school, however the aim of the conducted research is to examine the perception of students and teachers whether the subject of technical culture is sufficiently related to the professional orientation of pupils. The paper points to the need for thematisation, research, connection of the subject of technical culture with the professional orientation of pupils, the importance of the subject of technical culture for professional guidance within the school, and the factors that influence the professional choice. The research was done according to the research tasks based on the assessment of the attitudes of students and teachers. For each set task, hypotheses were tested, which helped us to confirm the general hypothesis related to the subject of the research, which reads: "The technical culture subject is sufficiently connected with the professional orientation of the students". A survey questionnaire, meaning Likert scale of estimates, was compiled as a data collection tool for the needs of the research. In this paper the results of the research on the connection of subjects of technical culture with professional orientation of pupils are used. The sample included 82 students of the ninth grade of the primary school „6.mart“ Hadžići and primary school „Hadžići“ and 30 teachers of technical culture from schools from the Canton Sarajevo area. The results of the research have shown that there is a connection between the professional orientation and the subject of technical culture in the school, and that the role of the subject of technical culture in the professional orientation of students is very significant.

On the basis of the obtained research results, it can be concluded that the teaching contents of the subject of technical culture course, in relation to other subjects, give more thought to the possibilities of further education or employment and provide more information about the professional orientation of pupils.

The results of this research can direct teachers to strengthen their actions in relation to students in the area of professional orientation and contribute to the higher quality of this important task in partnership with all participants in the teaching process. Vocational guidance can only succeed when it is understood as the goal of the whole school. Based on this, it is more necessary for the school to integrate these areas into teaching, and to involve teachers, parents and other important external partners in the process of professional guidance. It is necessary for the service for professional orientation to be included in the school and to be in constant contact with students and parents. This would ensure that the students are trained as soon as possible and involved in certain professions.

Keywords: professional orientation, technical culture, teacher, pupil, school.

1. INTRODUCTION

Choosing a future occupation after completing primary school is not at all easy, not only because of the question of employment, but also because of the many opportunities available and insufficient information. Choosing your occupation is one of the most important decisions in everyone's life. The students are in great dilemma in which direction to continue. It often happens that they choose a high school and a future profession, without having ever thought about those ones before. Deciding on which high school to go to heavily influences the future of the pupil. This is an important decision that often depends on satisfaction and success in the life of an individual. How will the student set himself up for work tomorrow, what relations will he have towards his profession, and how satisfied will he be with doing a particular type of work, depends largely on the profession he chose. Jelavić (1996) emphasizes that the role of the family can not be replaced because the very purpose of the family is love, therefore the family must not transfer that responsibility. The practical outlook on life, which the teacher of technical and manipulative subjects has, represents the outlook on life needed by the vast majority of secondary school students (Erikson, E. 1967). According to Šverko (2012), making a decision about choosing a profession or education is the most important decision in a person's life because it has both individual and social connotations. Professional orientation can be seen as a multidisciplinary activity of a number of related sciences such as pedagogy, sociology, psychology, economics, etc. (Lancic, Majski-Cesarec & Musil, 2010).

Since many pupils are not sure of their interests and abilities, it is needed to provide them with professional assistance in deciding on a further professional path, a path of building their careers, choosing the most appropriate professional and life path that will be in line with their interests, preferences, abilities, health and general possibilities, as well as the possibilities of placing their professional knowledge and skills on the labor market. Sobota (2011) calls such assistance a professional routing. It aims to make it easier for individuals to make the right choice in deciding their vocational training and employment that will be in line with their specific and general abilities. In addition to primary school pupils, their parents, teachers and experts for professional orientation are involved in their selection of future careers in order to increase the number of young experts in the labor market who can say for themselves that they have learned the profession most suited to their desires, abilities and interests.

In addition to having to know the jobs and working conditions for a profession while choosing a future occupation, we must also know ourselves really well! It is important that students choose their profession on the basis of their own abilities and opportunities, but also the profession in which they will enjoy and give their maximum (Vodič kroz zanimanja, 2006). Professional orientation implies directing each individual, given his abilities and preferences, as well as with regard to social needs and employment opportunities. That is why it is necessary, systematically and planned, pedagogically and with built methodology, to influence the formation of a real and critical notion of one's self, as well as of certain occupations. This means that one of the basic tasks of professional orientation is „... helping students to examine their abilities, interests, attitudes, values and needs, to gain experience and try themselves in various school, work and other situations in order to gain a realistic notion about themselves and identify the occupations and jobs that come to mind for them - for the commitment“ (Kačapor, 1999). In order to make it easier to choose the profession for which you have preferences and interests in practice, a number of manuals and brochures are used that can usefully serve to get acquainted with various occupations. School pedagogues, psychologists, classteachers, subject teachers, and especially teachers of technical culture can help students with this important decision. Perin and Drobac (2010) believe that a greater number of students who used professional orientation services believe that professional orientation helped them when making decisions about enrolling in high school.

2. MATERIALS AND METHODS

The descriptive method was mostly used. A survey questionnaire, meaning Likert scale of estimates, was compiled as a data collection tool for the needs of the research. A quantitative approach was used in the data processing, and as for the time orientation, the research refers to the present. They are included in the sample 82 students and 30 teachers.

3. RESULTS OF RESEARCH AND DISCUSSIONS

The research was done according to the research tasks based on the assessment of attitudes of students and teachers. For each set task, hypotheses were tested to help us verify the general hypothesis that is related to the subject of our research.

Connection of teaching of technical culture with professional orientation of pupils

Based on the answers given by respondents, students and teachers, it can be concluded that certain teaching units, and therefore the teaching of technical culture, are sufficiently connected with the professional orientation of students. The views of respondents, pupils and teachers are shown in Charts 1 and 2.

Chart 1 *Students' attitudes about the connection between the teaching of technical culture and the professional orientation of students*

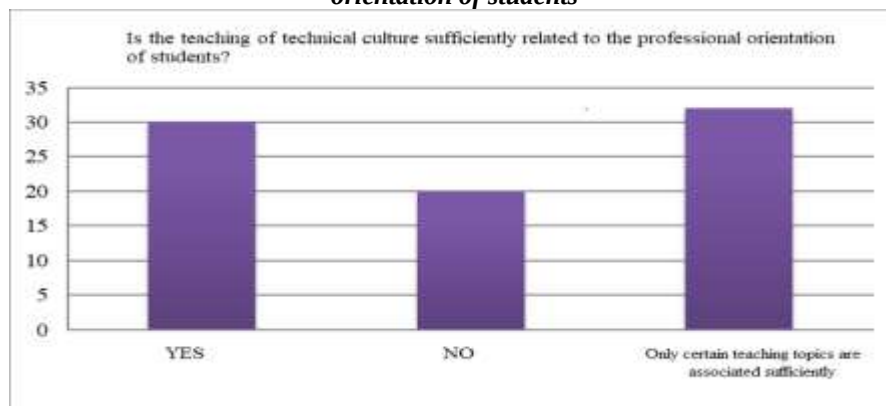
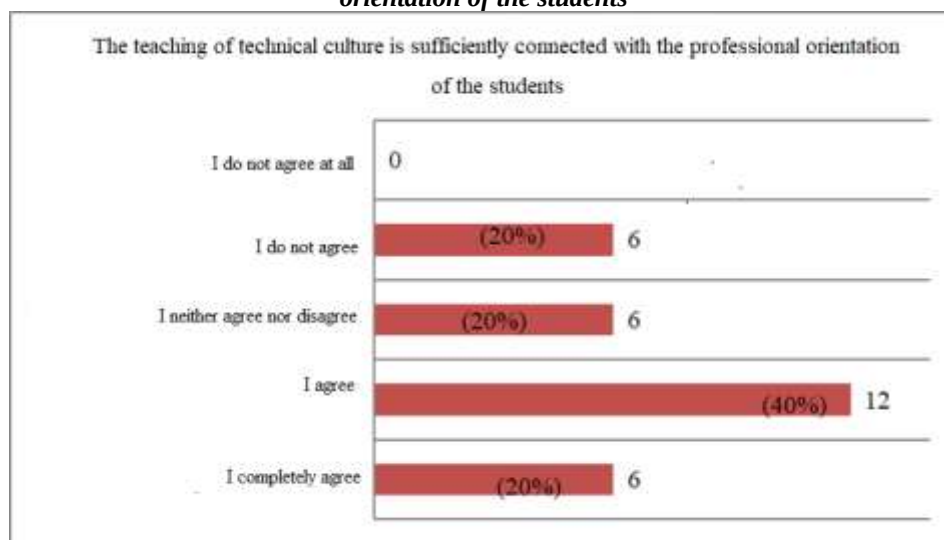


Chart 2 Teachers' attitudes about the connection of the teaching of technical culture with the professional orientation of the students



Interdependence of teaching content of technical culture and professional orientation of pupils

Based on the answers received from the respondents, students and teachers shown in Charts 3, 4, and 5, it can be concluded that the teaching contents of the Teaching Culture subject, and therefore the teaching subject in relation to other subjects, encourage more to think about the possibilities of further education or employment and provide more information about the professional orientation of students.

Chart 3 Students' attitude about the role of teaching contents in the subject of technical culture on professional orientation

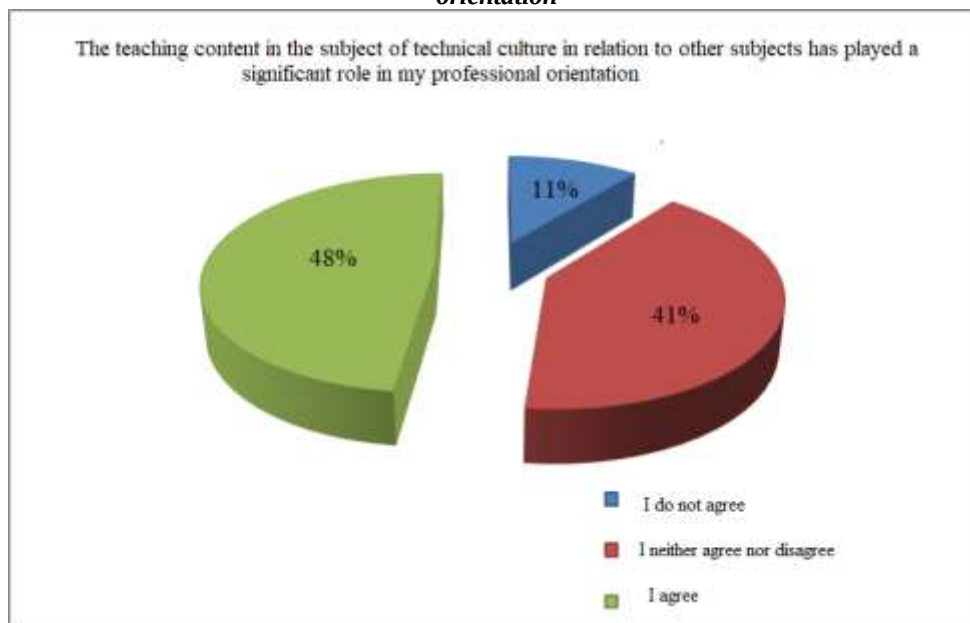


Chart 4 Teachers' attitudes about the importance of teaching content from the subject Technical culture on the professional orientation of students

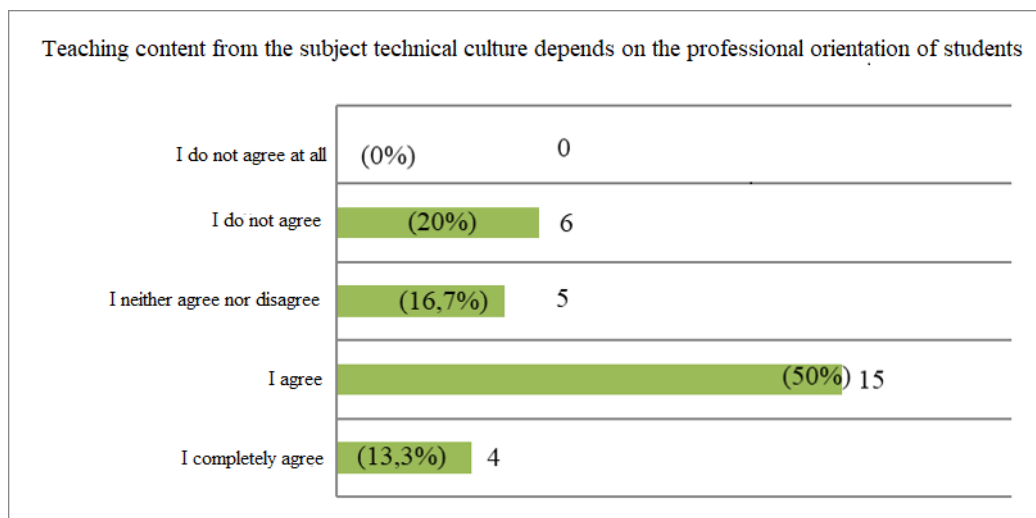
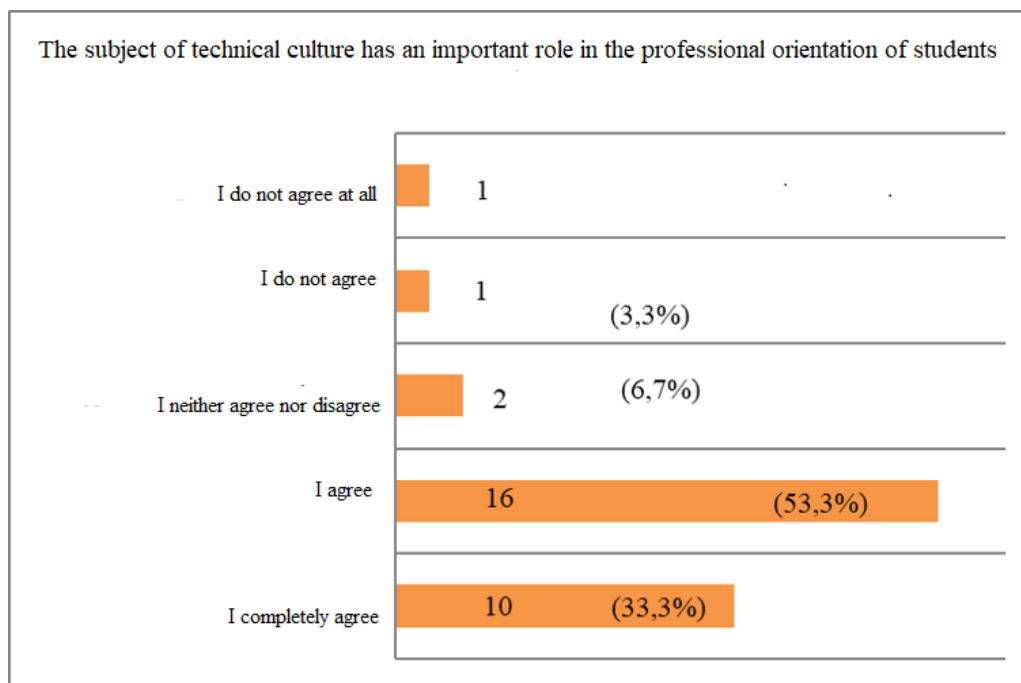


Chart 5 Teachers' attitudes about the role of the subject of Technical culture in the professional orientation of students



Independence in deciding on the high school and the future occupation

In deciding on their future occupation, students are not independent and need help from school, family, which is confirmed by the obtained results based on students' and teachers' responses shown in Charts 6 and 7. In the survey, the respondent was asked to indicate who helped them with choosing their occupation, and the three most common answers were parents, friends and teachers. In addition, they were helped by a both the narrow and wider family, and some of the individual responses included people with experience.

Chart 6 Students' attitudes on independent decision-making on which high school to go to

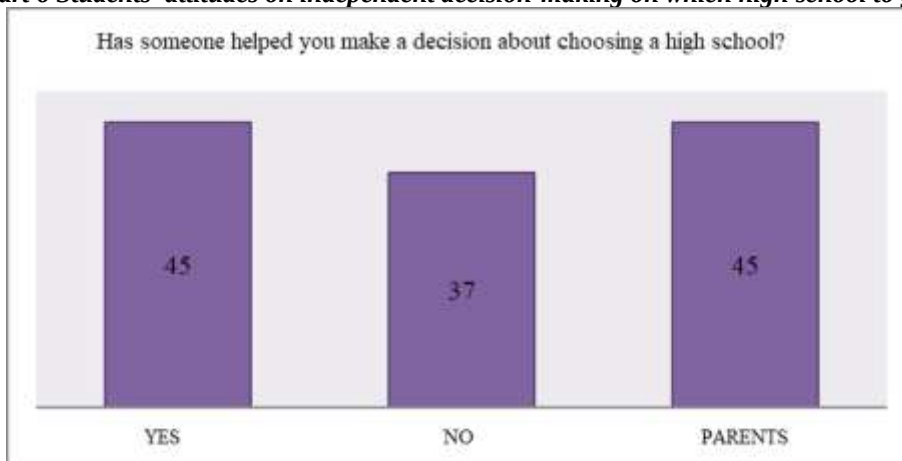
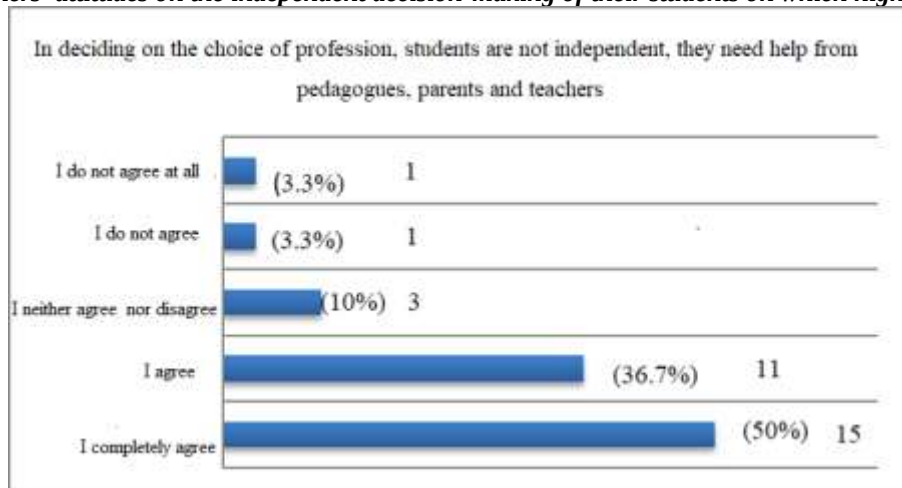


Chart 7 Teachers' attitudes on the independent decision-making of their students on which high school to go to



The impact of family and school on the professional orientation of students

Based on the answers received from the respondents, students and teachers, shown in Charts 8 and 9, it can be concluded that the family and school have the greatest influence on the professional orientation of students.

Chart 8 The attitudes of the students that the family and the school have the highest impact on the professional orientation of students

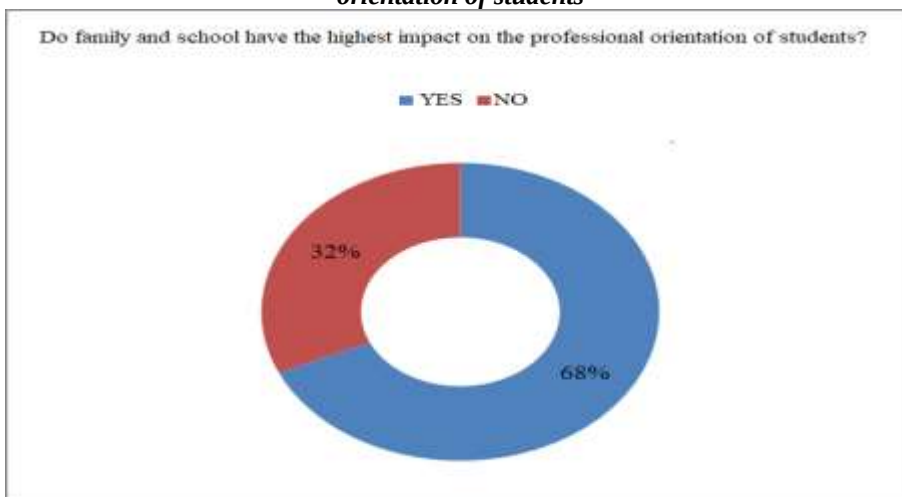
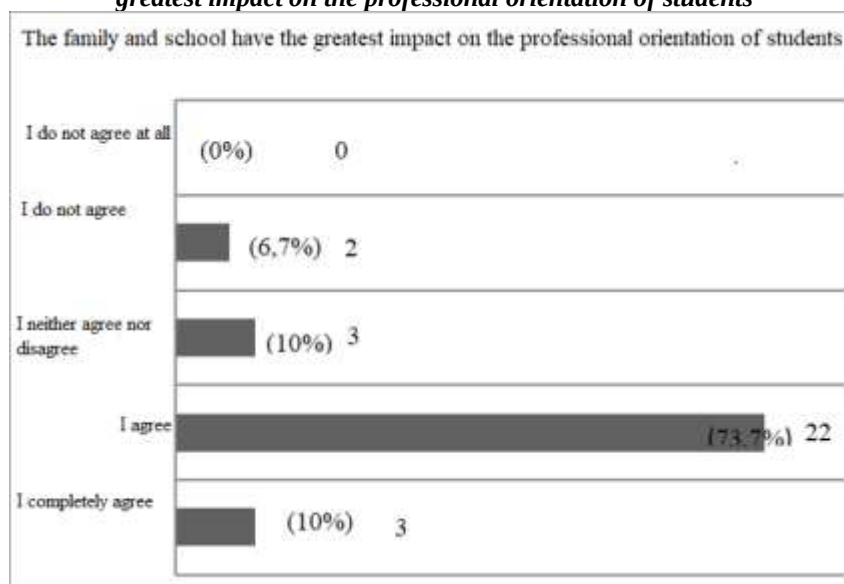


Chart 9 The degree of agreement between the teachers with the claim that the family and school have the greatest impact on the professional orientation of students



The total obtained results within the set tasks of the research based on the answers received from the respondents, pupils and teachers, shown in Charts 1 - 9 and Table 1, can be concluded that the teaching subject of Technical Culture is sufficiently connected with the professional orientation of the students.

4. CONCLUSIONS

Professional development is a special aspect of general development. In the course of their lives, each individual performs a number of career choices, which is conditioned by age, education, professional and vocational training, social needs and employment opportunities, as well as personal affinities and interests. The goal of a professional orientation in primary school is „... developing students' readiness to acquire knowledge and experiences about themselves and the world of work, to make real decisions regarding their further education and commitment, and for success in their work“ (Kačapor, 1999).

The decision to conduct such a study in elementary schools in Sarajevo Canton was based on the fact that the impact of teaching technical culture on the professional orientation of students is not as important as it should be.

This research sought to establish whether there is a connection between the subjects of technical culture and professional orientation in school. The results of the research have shown that the opinions of teachers and students are harmonized and that the subject of Technical Culture is sufficiently connected with the professional orientation of students. On the basis of the obtained results, it can be concluded that the teaching contents of the Technical Culture course, in relation to other subjects, encourage more thinking about the possibilities of further education or employment and provide more information on the professional orientation of the students.

The theme Connection of the subject of technical culture with the professional orientation of students is very socially and pedagogically topical nowadays. Its social reality is not only the product of the processes in Bosnia and Herzegovina and the environment, but also the overall processes of integration, globalization and the continuous advancement of science and technology. A more complete study and pedagogical research on this subject requires an interdisciplinary approach. Team work of a number of experts from different fields is needed. This work provides a modest contribution to pedagogical study and empirical research of the Connections of the subject of technical culture with the professional orientation of students.

Professional guidance can succeed only when it is understood as a goal of a whole school, but also of a society. On this basis, it is imperative that the school integrates these areas into teaching, and that teachers, parents and other important external partners are involved in the process of professional guidance. Those who choose a profession should choose in a conscientious and responsible manner what they will do for the next few decades. It is a great pleasure to enjoy your work. It is therefore important to think carefully before deciding.

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