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OJER is an online, open-access, international, scholarly, peer-reviewed journal offering scholarly research articles on various topics in all areas of educational sciences.

All submitted manuscripts must be original, previously unpublished and not under consideration for publication in any type of publication outlet.

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"Education is a lifelong journey and life's greatest gift."

(Albert Einstein)

Dear Readers,

In the past year, many events, scientific meetings and studies were conducted in the 100th anniversary of our Republic. Great Leader Atatürk's maxim "Civilized ideas and modern advances must spread and develop within our country without losing a moment. For this reason, all scholars and scientists should consider it a duty of honor to work on this subject." is an important message to us researchers. Realizing this importance, it is a necessity for educational researchers to conduct more and better research that will contribute to science and education, has international readability, and has a high widespread impact. H. Spencer says that the main purpose of education is not to be informed but to take action. As a very proud development for our country, Turkey's first astronaut Alper Gezeravcı arrived safely at the International Space Station to conduct 13 different scientific experiments which were determined by universities and research institutions, and started his historic mission with Atatürk's message "The future is in the skies." This development is a very important, historical move for our country.

In our country, as in the rest of the world, science is becoming increasingly felt in every aspect of life, and the importance of conducting scientific studies is increasing. Great Leader Atatürk said in one of his maxims: "All progress is the work of human thought. Our first job should be to put the idea into action. It is enough for the nation to control itself and think once! Even if the nation thinks wrongly at first, she can correct this mistake after a while. "Once the idea is put into action, everything will gradually fall into order and get better." He emphasized the value of thinking with these words.

Humanity's journey in science is shaped by passion for research and curiosity for learning. Considering the historical development of science, it is seen that technological developments have evolved from the internet age to the artificial intelligence era. Artificial intelligence and productive artificial intelligence systems not only affect professional groups; it also affects teacher education. Similarly, there is a prevailing view that productive artificial intelligence systems will create significant changes in teacher education and reduce teachers' workload. With this accelerated change, it seems that every aspect of life and academia will be effected . Inspired by Goethe's saying "Knowing is not enough, we must apply. Wanting is not enough; we have to do." we as researchers should

include applied studies in our research and make it possible for the research results to be reflected in the field. Being a real researcher, in the words of Albert Szent Gyorgyi, means seeing what everyone has seen before and finding out what no one else has thought, and in L. Pasteur's words, luck smiles only on prepared ideas. Valuable ideas, planned research process and research that contributes to science; it is as valuable today as it was yesterday. Inspired by the words of Atatürk: "I have never known what pessimism was at any point in my life"... Be curious, research, think and always question... Stay with science...

With this motivation, **OJER (Osmangazi Journal of Educational Research)** is published twice a year in English by Eskişehir Osmangazi University Institute of Educational Sciences. It is an online, open accessed, international, peer-reviewed journal that offers scientific research articles in all fields of educational sciences. Qualitative and quantitative mixed method researches and compilation studies in many fields whose subject is education and training; research results from theory to practice are included. Our goal is to promote researches that are original, creative, enlightened and that shape the future with ethical values.

In this issue of **OJER**, there are important studies that will contribute to the field. We would like to express our gratitude to the researchers, the reviewer referees, the editorial board, the journal secretariat and our readers who contributed with their to improve our journal. In this issue of **OJER** of Fall 2023, 4 studies are presented, as introduced below:

The 1st article of this issue is entitled "The Relationship Between School Principals' Diversity Management Behaviors and Teachers' Job Performance" written by Tuba ÖGÜCÜ, and Ali İlker GÜMÜŞELİ. This research scrutinizes the relationship between teachers' perceptions of diversity management by school principals and teachers' job performances. The research sample comprised of 216 teachers who were working in a public middle school in Bakırköy, İstanbul. The research results showed that teachers' perceptions of diversity management by school principals were at "good" levels. Teachers' perceptions of their job performances were high in mean ($\bar{x}=4.41$) in the "always" interval. Thus job performance of teachers can be interpreted as "very good". There was a moderately statistically significant positive relationship of 46.5% between school principals' diversity management and teachers' job performances. This suggests that teachers' job performance increases as school principals' diversity management grades increase. Also, school

principals' diversity management behaviors were found to affect teachers' job performances positively by 19.8%. Therefore school principals' diversity management could be a predictor of teachers' job performance.

The 2nd article of this issue is entitled “Examination of Seventh Grade Students' Van Hiele Geometric Thinking Levels and Their Mistakes on 'Quadrilaterals' ” written by Sultan SATIR, and Aytaç KURTULUŞ. In this study, it was aimed to examine seventh grade students' Van Hiele geometric thinking levels and their mistakes on 'Quadrilaterals'. The research was conducted with ten seventh grade students and the case study design was used. According to the research findings, seventh grade students have misconceptions about diagonal, height concepts and special quadrilaterals. One of the most important of these is that the square positioned on one corner cannot be recognized by students at the analysis level, but is recognized by students at the visualization level. Students at the analysis and visualization levels have different misconceptions regarding the trapezoid. While there is a misconception that all side lengths must be different from each other as a condition for being a trapezoid, there is also a misconception that having four sides is sufficient. Another one is related to the concept of diagonal. There is a misconception that shapes with equal side lengths also have equal diagonal lengths. While no errors or misconceptions were encountered in students at the informal level, misconceptions were encountered in students at the analysis level, and more errors were encountered in students who were at visualization level and could not be assigned to any level.

The 3rd article of this issue is entitled “Investigation of Pre-service Middle School Mathematics Teachers Habits of Mind in Pattern Generalization Problems” written by İrem COŞKUN, Deniz ÖZEN-ÜNAL, and Ersen YAZICI. In this study, it was aimed to determine pre-service middle school mathematics teachers' habits of mind. The method of the study was determined as a case study. Participants were 23 junior pre-service middle school mathematics teachers. The results of the study show that similar habits of mind revealed by pre-service teachers in problem situations. The pre-service teachers had more difficulty in balancing exploration and reflection compared to the other. It was found that the pattern types of the problems affected the habits of mind. It is suggested that more studies need to be done to reveal and foster the quality of algebra and algebraic thinking.

The 4th article of this issue is entitled “Using Bingo Games in Teaching “Jobs” in English” written by Oğuzhan ÇINAR, Cavide DEMİRCİ, and Süheyla ORAN ÇINAR. Children learn more easily through playing games. For that reason, a teacher needs to use educational games to set an effective learning environment. In this study, it was aimed to get the opinions of primary school 4th grade students about teaching “jobs” subject using bingo game. Pre-test and post-test results of the students showed that the game had positively affected the learning of the students and students stated that they had a lot of fun while playing and learned while playing.

See you in the next issue, next year....

“Stay with Science, Stay with Us”

M. Zafer BALBAĞ, Ph.D.
Editor In Chief

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