

USE OF VIRTUAL REALITY IN EDUCATION

Tuğçe ARSLAN



We want to state that Virtual Reality (VR) and AR educational content is important for students of all ages in experimental and interactive learning. Virtual Reality (VR) technology has essential features in making education better. With the effective use of Virtual Reality (VR) in learning environments, students acquire information more quickly and efficiently and have the opportunity to reconcile the information they have learned with real life. Meet a brand new concept in interactive learning technologies with Virtual Reality (VR) in Education: A unique student-friendly interface of Virtual Reality (VR) applications in education comes integrated with a “standalone” Virtual Reality (VR) goggle complete with integrated educational resources and easy-to-use teacher controls.

The use of Virtual Reality (VR) in Education can be used in both distance education and interactive education; It is a groundbreaking new technology designed to help increase engagement and increase knowledge for students of all ages. In addition, the use of Virtual Reality (VR) in Education is an affordable interactive learning method.

Considering that traditional approaches are insufficient to overcome the difficulties encountered in solving problems in the field of education, One of the most effective approaches to overcome these problems is the use of Virtual Reality (VR) in Education.



Virtual Reality (VR) can be defined as the technology that enables people to interact with these objects in the environment and gives the feeling of being in a natural environment in the minds of people with 3D pictures and animations created in the computer environment with technological tools. Virtual Reality (VR) has been used in education (Mathematics, Science, Medical Education).

If we talk about the benefits of Virtual Reality (VR) Use in Education and Virtual Reality (VR) Education Applications, namely Virtual Reality (VR) Education Applications;

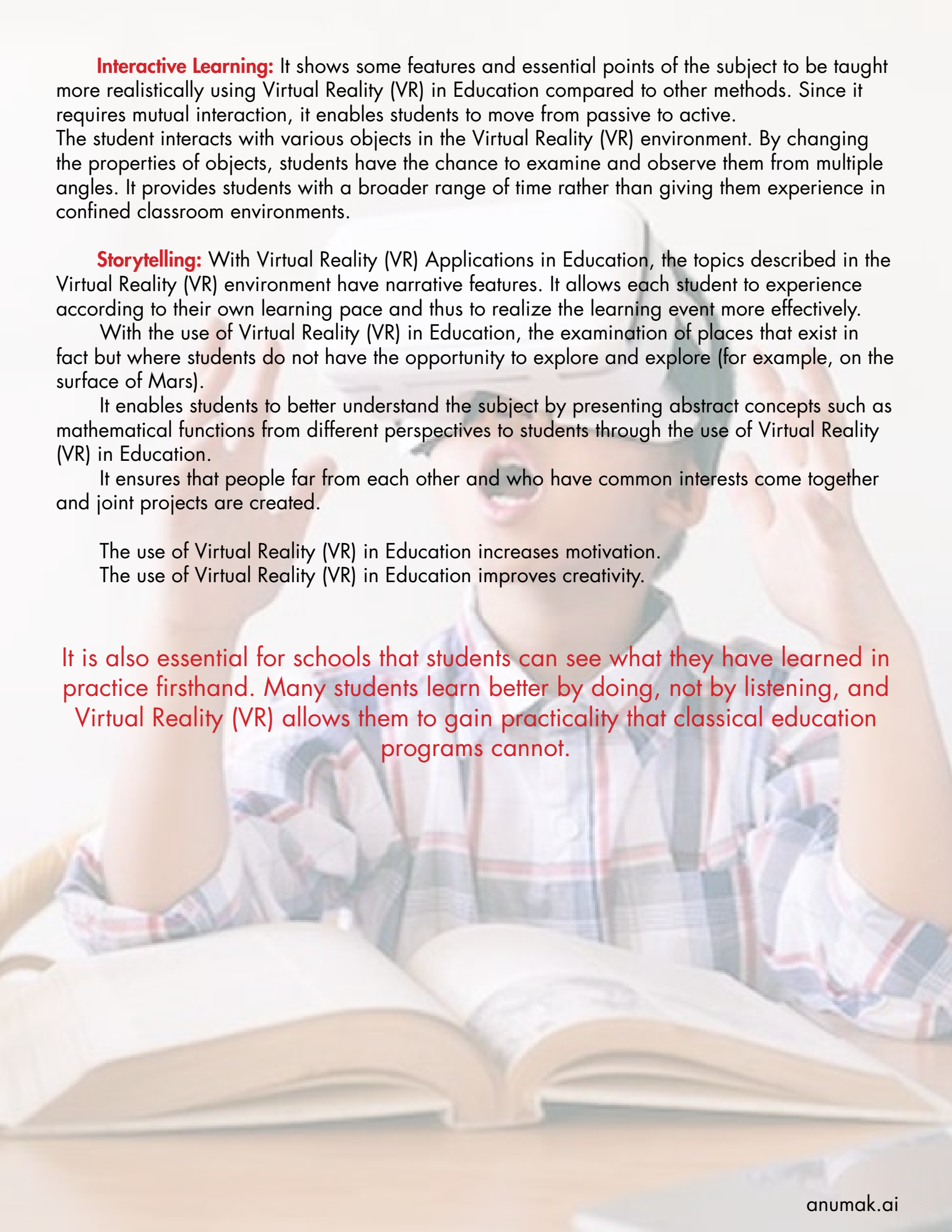
Virtual Reality (VR) is a technological tool that is very useful and produces positive results for both students and teachers in the field of education. The use of Virtual Reality (VR) in schools dramatically alleviates the burden on teachers. In Virtual Reality (VR) environments, teachers have a role that facilitates students' discovery and learning. Rather than simply answering student questions, teachers guide students in self-discovery and generating new ideas. The use of Virtual Reality (VR) in the field of education has many benefits for students.

Experiential Learning and Interactive Learning: Virtual Reality (VR) in Education provides opportunities for the development of new perspectives through experiential learning. With the use of Virtual Reality (VR) in Education and Virtual Reality (VR) Education Applications, students are expected to gain various virtual experiences as a result of interacting with objects in the Virtual Reality (VR) environment.

Ensuring the Student's Full Attention: Let's face it, distance education brought with it the complaints that the students were a little disconnected from the discipline and could not focus their attention. Virtual Reality (VR) Education Applications that come with Virtual Reality (VR) in Education; Since it is interactive learning and innovative learning, it differs from classical learning methods. Thus, students can focus all their attention on the use of Virtual Reality (VR) in Education supported by Virtual Reality (VR) Applications.

Giving Importance to the Senses: Virtual Reality (VR) Education Applications and the use of Virtual Reality (VR) in Education and the sound, light, and interaction feature of Virtual Reality (VR) environments integrate the sensory organs of the students.





Interactive Learning: It shows some features and essential points of the subject to be taught more realistically using Virtual Reality (VR) in Education compared to other methods. Since it requires mutual interaction, it enables students to move from passive to active. The student interacts with various objects in the Virtual Reality (VR) environment. By changing the properties of objects, students have the chance to examine and observe them from multiple angles. It provides students with a broader range of time rather than giving them experience in confined classroom environments.

Storytelling: With Virtual Reality (VR) Applications in Education, the topics described in the Virtual Reality (VR) environment have narrative features. It allows each student to experience according to their own learning pace and thus to realize the learning event more effectively.

With the use of Virtual Reality (VR) in Education, the examination of places that exist in fact but where students do not have the opportunity to explore and explore (for example, on the surface of Mars).

It enables students to better understand the subject by presenting abstract concepts such as mathematical functions from different perspectives to students through the use of Virtual Reality (VR) in Education.

It ensures that people far from each other and who have common interests come together and joint projects are created.

The use of Virtual Reality (VR) in Education increases motivation.

The use of Virtual Reality (VR) in Education improves creativity.

It is also essential for schools that students can see what they have learned in practice firsthand. Many students learn better by doing, not by listening, and Virtual Reality (VR) allows them to gain practicality that classical education programs cannot.



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CONTACTS

Amith Kumar

Chief Executive Officer,
aNumak & Company
amith@anumak.com

Neha Anush

Chief Operating Officer,
aNumak & Company
neha.anush@anumak.com

Tuğçe ARSLAN

Chief Content Officer and PR
aNumak & Company
arslan@anumak.in

Cesibel Rodriguez

Chief Branding Officer,
aNumak & Company
cesi@anumak.com

Ricky Devaya

Chief Human Resource Officer – India,
aNumak & Company
ricky@anumak.com

Vilas Khole

Chief Delivery Officer – India,
aNumak & Company
vilas@anumak.com

Karthik Reddy

Chief Sales Officer – UAE,
aNumak & Company
karthik@anumak.in

Iván Muñiz Rothgiesser

Sales Director,
aNumak & Company
ivan@anumak.com

CONTRIBUTORS

Gino Mori Valenzuela

Client Partner – Retail,
aNumak & Company
gino@anumak.in

Diana Marcela Rios

Client Partner – Retail,
aNumak & Company
diana@anumak.in

Víctor Freundt

Client Partner – Education,
aNumak & Company
victor@anumak.in

Agyemang Mensah Kwadwo

Graphic Designer,
aNumak & Company
agyemang@anumak.in

aNumak & Company

marketing@anumak.com
Pr@anumak.in - info@anumak.com