Augmented reality, a set of technologies that superimposes digital data and images on physical objects and environments, is closing this gap. By putting information directly into the context in which we’ll apply it, AR increases our ability to absorb and act on it. AR will become the new interface between humans and machines. AR provides a composite view giving improved user experience.  Augmented reality enhances the current perception of reality which is why this amazing feature is widely used in real life. Many people are familiar with AR entertainment applications, such as Snapchat filters, but AR is being applied in far more consequential ways in education.

Today, we will see how augmented reality can help teachers make their students look forward to the upcoming lessons. From its names, we can conclude that the technology “augments” the real world around us. It does it by overlaying virtual object, text, and information over the real image, most often on the smartphone screen. Usually, augmented reality objects are created either by processing multiple photos of a real objects or by 3D-modeling. To place virtual objects on the screen, augmented reality apps use either special markers, such as QR codes, or object recognition features. In AR apps, users can either watch the virtual objects or interacts with them- zoom, rotate, move- if the nature of the app requires it. AR applications run on smartphones or tablets needing no special equipment. This makes AR technology especially adaptable for use in the education industry. Many education apps include printable markers that teachers can use in the classroom. When the kids point their smartphones cameras at the markers, something interesting pops out. By asking the students to download an augments reality app that can enhance the learning process, the teachers get an additional tool for boosting the student’s interest in the lesson. Augmented reality makes virtual objects “belongs” to the real world. In AR, students can manipulate the 3D models as if they were real. This helps the learning process tremendously, as it creates a more complete picture of the subject. This AR application gives amazing opportunity for studying the human body and observing the functioning to the internal organs. It is a totally new way of learning that they find highly effective. By placing the additional information immediately next to the corresponding object, the app, on the one hand, reduce the time to find the object descriptions and other information, and, on the other hand, creates a stronger link between the object image and its data. Therefore, the knowledge is created faster and retained longer. Hence, we now know that augmented reality interfaces offer seamless interaction between the real and virtual words. Using augmented reality system learners interact with the 3D information, objects, and events in a natural way. AR is helping students achieve [enhanced learning results](https://edtechtimes.com/2018/09/27/how-immersive-learning-technology-is-bringing-education-and-training-into-the-future/) through visualization and full immersion in subject matter. Instead of reading about theory in books, students can see and engage with these concepts in real-time. As a result, education becomes more accessible, mobile, and fun.