

4D Animation and Virtual Environment in Classroom

4D Animation

The students studying in my school are from a rural background. I wanted to give them an experience beyond the usual black-board, chalks and charts. After a search I found an app - 'Animal 4D+' that helps you see animals in Augmented Reality. 4D images of animals like lions, elephants, giraffes etc can be created. Animals emerge, make sounds and rotate 360 degrees - giving a visual treat to students. I have shared my classroom photos and the steps for using

this app with many teachers. They have tried this in their school and found that their students enjoyed it a lot. You can try similar apps for solar system, dinosanours, human anatonomy, workers, etc.



Teaching with Virtual Reality Headsets

We also used the Virtual Reality Headset. It is nothing but Google Glass. These headsets are available for a low cost of Rs. 400. When you wear this glass, you can see videos as if you were seeing it right in front of you (real time experience). It can convert 2D videos to 3D videos. It is very useful for teaching topics like the universe, solar system, satellites, etc. I used it for teaching about wild animals and underwater creatures. They were able to understand the concepts and enjoyed the experience.



C. Sasikumar,
PST, GMS
Manapet