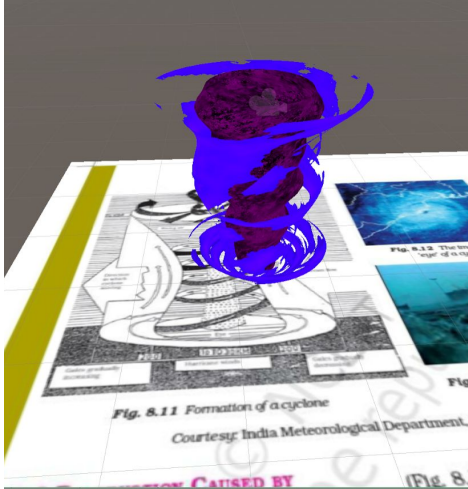
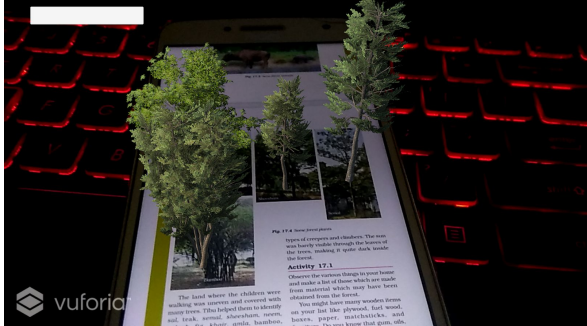
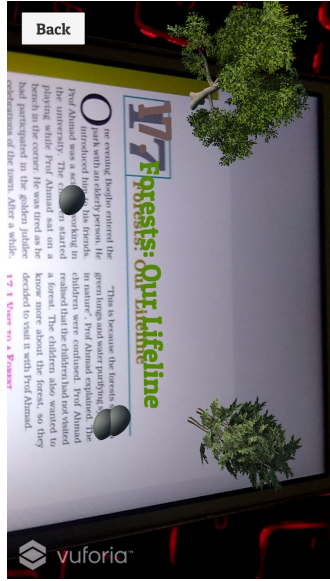
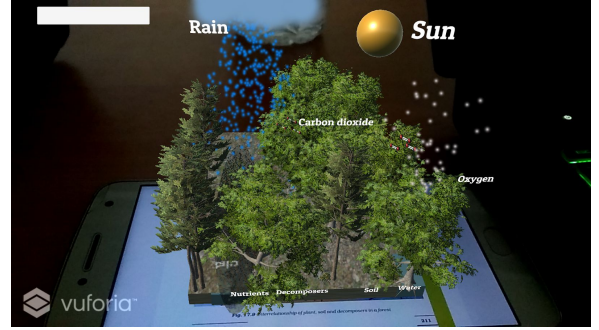


Project Summary

Project Id/No	(11709), (11721) and (11728)	
Project Name	Visualizing Science with Augmented Reality.	
Project Members	Balram Meena, Manish and Paras Yadav.	
Abstract	<p>The basic aim of the project is to give a visual representation of the concept of Science to make the students understand the things which are not easy to demonstrate in the classroom. With the help of Augmented 3D-Models and simulations, it will enhance students' experience in understanding the concept and will be able to grasp more clarity.</p> <p>In this study/project, we have considered some chapters (Specifically, two chapters for now) from a selected book [NCERT Book]. Mainly in the classroom, where lecture time is limited, it is hard for the instructors/teachers to illustrate clearly all the activities or experiments. This project gives a brief insight into the potential and challenges of using Augmented Reality (AR) in Education. We have designed an 'android app' that will simulate the activities suggested in the context of the chapters. The application will make the fundamental ideas more clear to the understudies as they will have the option to really observe the little yet fascinating "science behind the exercises and examinations" through all the 3D recreations.</p> <p>“Nothing would be better than the instant 3D demonstrations of the concepts the students' have just read”.</p>	
Project Photo	 <p>1. Tornado Simulation taken from NCERT Class-7 (chapter-8)</p>	 <p>3. Different trees taken from NCERT Class-7 (chapter-17).</p>



2. Different trees taken from NCERT Class-7 (chapter-17).



4. Photosynthesis Simulation taken from NCERT Class-7 (chapter-17).

Project Report
