

Design of Curriculum for Agriculture Education for Rural Middle School Children



Aditya Kaushal
130205002

Bachelor's Thesis Project
Department of Design

OVERVIEW

“ A grassroots level intervention in agriculture with sample curriculum designed for greater understanding and application of agriculture for profitability by the rural middle school children by introducing them to farming at young age so that they can practice agriculture, innovate and collaborate later for a better lifestyle as farmers when they become adults ”

LITERATURE REVIEW

A comprehensive literature review was carried out to understand the current scenario of education in context of agriculture. The review consisted of analysing the case studies of India and United States of America. Facts that emerged from analysis were that there was no formal education in schools in terms of agriculture in India except few general facts about climate and crops in Geography but some NGOs teach agriculture with sustainability to rural children while in United States there is a well-defined curriculum with integration into industries with good job perspectives

FIELD STUDY & USER RESEARCH

03 Expert Interviews



Agriculture
Scientist



Economics
Expert



Psychology
Expert



02
Student
Interviews



13
NCERT Books
Analysed

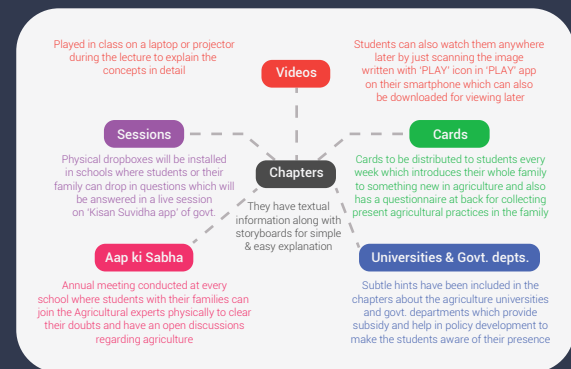
RESEARCH FINDINGS

- Agriculture is not seen as a viable option by the youth due to increased vulnerability in the sector
- There are training programs and exposure visits for illiterate farmers but it is limited to adult farmers only
- Emphasis on understanding topics rather than rote learning
- Use of Participatory Learning Method in curriculum
- Students are more fluent in Assamese and Hindi rather than English but for the major technology related tasks like operating television or phones, they easily used and recognized English words

Design & Implementation

The sample curriculum was designed in accordance with topics of NCERT and incorporating technology and intuitiveness of students

#Agriculture #Sessions #Cards #PLAY #Sabha



USER TESTING AND FUTURE WORK

The next step is to get the sample curriculum evaluated by teachers and students and build upon the feedback given by them.

Further collaboration with National bodies involved with education in India like NCERT and RMSA to transform the sample into final product with more relevant case studies and informative videos added to the library with help of universities like Assam Agricultural University and departments like Krishi Vigyan Kendra.

Collaboration with Govt. of India by integrating 'PLAY' application with other helpful farming applications like 'Kisan Suvidha App' for bringing students and adult farmers together with technology.

