

## PROVIDING SUPPORTING EDUCATIONAL CONTENT THROUGH QR-CODES IN TEXTBOOK

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Shri Jani has been teaching in Shahpur School in Bhavnagar district of Gujarat since December 2008. He is a graduate in History, English and Gujarati, and has a diploma in cooperative management. His main areas of interest are the use of ICTs in primary education, conducting innovative experiments in primary education (Innovation) and blogging about educational ideas.

He has developed a Digital textbook with QR codes for Class 4 English. The Shahpur Primary School is a multi-grade primary school. The village has a population of 1000; most of the village people are engaged in agriculture, agricultural labour and ancillary occupations. The school has 74 in Class 1-7 and four 4 teachers.

During the academic year 2019-20, the students of standard 6 and 4 had to be taught together in one class by a single teacher. When the teacher was engaged in teaching one class, the other class would tend to lose interest in studying or self-learning. This innovative project was undertaken to solve this problem. Also due to QR activity, there was marked improvement

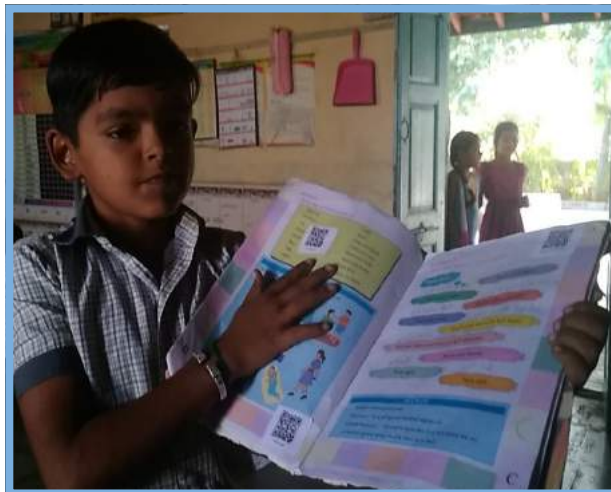
in interest shown by the students in the lessons, resulting in improved learning outcomes.

As the children learn English through playful self-learning methods owing to the QR-code, they tend to grasp the concepts better. The project uses innovative digital technology such as QR-codes along with Audio Book, Video Book, English Class 4 textbook with QR-codes, and English learning Android apps to help make learning interesting and immersive. The video links of unit-wise activity given in the Class 4 textbook have been introduced in the QR-codes. These Codes have unit-wise activities such as poems, riddles, prayers, story and action songs. Most importantly, the links for words given in the appendix of the textbook have been included in the QR-codes. The students can scan the QR-codes of their choice and can self-learn a topic or activity.

The evaluation is carried out activity-wise and the results are noted in the student-wise activity register. The evaluation of poems, riddles, rhymes, picture story, songs, textbook content,



Students scanning QR code



Students using QR codes from the textbook

