The use of ICT in remote areas is limited due to the absence of internet connection. This study aimed to introduce an ICT resource learning material for mathematics to improve the academic performance of the students of Dumalneg, Ilocos Norte. The research was intended to determine the status of using ICT materials in teaching mathematics; the level of integration; the problems encountered by the teachers; and the software as an ICT material in the teaching of mathematics that can be used anytime and anywhere even without internet. The research used descriptive-survey method conducted to the teachers of Dumalneg National High School for School year 2017-2018.

The findings revealed that the teachers used only Microsoft Office which does not require internet and are not familiar with other ICT teaching tools, thus, they use the technology as a direct tool substitute with no functional change. To address lack of facilities and limited application of ICT tools, the GOM player was introduced to be used in the teaching of mathematics. It is a media player for Windows, developed by the GOM & Company of South Korea. Its main features include the ability to play some broken media files and find missing codecs using a codec finder service. The software can play all the most popular video formats by default which are already downloaded from the internet with or without the presence of the internet.