

## Initializing E-Classroom in a Multigrade School in the Philippines

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**Abstract :** Science and technology are two inseparable terms which bring wonders to all aspects of life such as education, medicine, food production and even the environment. In education, technology has become an integral part as it brings many benefits to the teaching-learning process. However, in the Philippines, being one of the developing countries resources are scarce and not all schools enjoy the fruits brought by technology. Much of this ordeal impacts that of multigrade instruction. These schools are often the last priority in resources allocation since these have limited number of students. In fact, it is not surprising that these schools do not have even a single computer unit much more a computer laboratory. This paper sought to present a plan on how public schools would receive its e-classroom. Specifically, this paper sought to answer questions like the level of the school readiness in terms of facilities and equipment; the attitude of the respondents towards the use of e-classroom; level of teacher's familiarity in using different e-classroom software and the plans of interventions undertaken by the school to make it e-classroom ready. After gathering and analysing the necessary data, this paper came up with the following conclusions that in terms of facilities and equipment, Guisguis Talon Elementary School (Main), though a multigrade school, is ready to receive e-classroom.; that the respondents show positive disposition in technology utilization in teaching after they strongly agree that technology plays essential role in the teaching-learning process. Also, they strongly agree that technology is a good motivator; it makes the teaching and learning more interesting and effective; it makes teaching easy; and that technology enhances student's learning. Additionally, Teacher-respondents in Guisguis Talon Elementary School (Main) show familiarity in using software. They are very familiar with MS Word; MS Excel; MS PowerPoint; and internet and email. Moreover, they are very familiar with basic e-classroom computer operations and basic application software. They are very familiar with MS office and can do simple editing and formatting; in accessing and saving information from CD/DVD, external hard drives, USB and the like; and in browsing effectively different search engines and educational sites, download and upload files. Likewise respondents strongly agree to the interventions undertaken by the school to make it e-classroom ready. They strongly agree that funding and support are needed by the school; that stakeholders should be encouraged to consider donating of equipment; and that school and community should try to mobilize their resources in order to help the school; that the teachers should be provided with trainings in order for them to be technologically competent; and that principals and administrators should motivate their teachers to undergo continuous professional development.

**Keywords :** e-classroom, multi-grade school, DCP, classroom computers

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