

SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)

Ignition - Primary Space Education (1)

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WHAT CAN WE LEARN FROM INTEGRATED LEARNING IN CREATING A SPACE-AWARE
GENERATION IN RURAL KENYA? A CASE STUDY OF NYANDARUA COUNTY.**Abstract**

The beauty of Space Science and the opportunities in the sector remain unknown in many parts of rural Kenya. Already, the residents of these regions are focused on meeting their daily needs. However, there is a glimmer of hope. Teachers, parents and young people are taking initiative to ensure this knowledge reaches primary school pupils and trigger their interest in space matters. How has the outreach so far affected the pupils' performance in Science? In case of any improvement, has this improvement possibly rubbed on the performance by other subjects? This paper investigates the impact made by the pilot programme by the Aberdare Space Clubs in two primary schools in Nyandarua County Kenya. By collecting feedback from the pupils, teachers and parents, this paper aims to point out benefits of integrated learning. By determining the impact of the outreach so far, we aim to document the success, the challenges and give possible solutions to space education and outreach in rural Kenya. Using analysis from primary and secondary data, this paper aims to pinpoint the role of publishing houses in establishing programs for primary school teachers, and collaborating with them in developing pupil-centred way of learning matters about space.