

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Ignition - Primary Space Education (1)

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SPACE CAMP: SPARK INTEREST IN STEM THROUGH SPACE EDUCATION

Abstract

This paper presents a space education initiative by SpaceIn, Malaysia, in collaboration with Universiti Sains Malaysia (USM) to encourage children's curiosity, creativity, and imagination in STEM through space education. Space Camps for kids ages 4 to 12 years old have been conducted during school holidays as one of the initiatives that are discussed further in this paper. The aim of this project is to give exposure to students to real industry knowledge, technology, and experience that can broaden students' views on the application of science in life. The Space Camps participants are divided into four groups based on their age namely preschool, junior primary, and senior primary groups to ensure the module conducted is suitable for their age. The student activities and the learning modules developed by SpaceIn and USM are highlighted in this paper and the challenges are discussed to improve space education activities for kids in Malaysia.