

## Astronomy activities “for primary school students”

*Thursday, 4 September 2025 10:30 (15 minutes)*

### Background / Significance of the Project

In an era where science and technology play a crucial role in national development, instilling scientific knowledge and inspiration in young people is essential—especially in remote areas with limited access to educational resources. The astronomy activity “To Younger Primary School Students” was organized by secondary school students from the Astronomy Club of Trat Trakankhun School. Its aim is to promote astronomy education among primary school students in Trat Province.

### Objectives

The activity aims to creatively convey astronomical knowledge, enhance analytical thinking and observational skills in primary school students, and develop the potential of secondary school students in their roles as event organizers and science communicators.

### Activity Methodology

The activities were conducted at four rural schools: Wat Saitong School, Ban Tha Ruea Chang School, Wat Takang School, and Wat Runadittharam School. The event followed a hands-on learning station format, including solar observation with telescopes, astronomy dome setup and operation, star map usage, and astrophotography using DSLR cameras. The student organizers underwent preparatory training in relevant knowledge, equipment handling, and event management prior to the actual sessions.

### Outcomes

The activities successfully engaged primary school students, who showed strong interest and enthusiastic participation. They gained a better understanding of astronomy through hands-on experiences. Meanwhile, the student organizers developed real-world skills in teamwork, communication, and scientific presentation—contributing to both academic and personal growth.

### Conclusion / General Suggestions

In conclusion, the project effectively met its goals in both knowledge dissemination and student capacity building. Such initiatives should be continuously supported to broaden learning opportunities and strengthen educational collaboration among local schools in the future.

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