

Handmade planetarium suitable for class lesson

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Abstract

Handmade planetarium oriented class lesson of an elementary and a junior high school was invented by the present writer. The structure is adopted cylindrical shape which have a enough strength and easy handicraft even for an elementary school student. The planetarium has a function of

a star chart, bright time scale in a dark,

bright constellation line, peojection of horizon which is useful for understanding of appearance and disappearance of constellation in a season. Apparent magnitude of each star is represented by projected area relatively in the hemisphere.

RIKEN(The institute of physical and chemical research) had reached to contract manufacturing the planetarium to Techno-systems Co. at a low price. The planetarium have been on sale on 20/Jan/2007.