

Development of a Method to Prepare In-School Tactile Guide Maps for Visually Impaired School Children

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Abstract : As part of reasonable accommodation for people with disabilities in Japan, which has ratified the Convention on the Rights of Persons with Disabilities, tactile guide maps are necessary. Such maps can enable visually impaired children to attend schools of special needs education (visual impairments) to grasp the arrangement of classrooms on their school campuses. However, it takes many years to be able to use a tactile guide map without difficulty. Thus, information support, in which audio information is added in addition to tactile information, is required. In the present research, a method to prepare an in-school tactile guide map with an additional audio reading function was developed. This map can enable visually impaired school children attending schools of special needs education (visual impairments) to grasp the arrangement of classrooms on their school campuses.

Keywords : accessible design, visually impaired, braille, tactile map, in-school tactile guide map

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