Research on Design and Evaluation of Learning Environment/Situation to support Integrated Learning.

1999 Fiscal Year Final Research Report Summary

Research on Design and Evaluation of Learning Environment/Situation to support Integrated Learning.

Research Project

Project/Area Number

10480036

Research Category

Grant-in-Aid for Scientific Research (B)

Allocation Type

Single-year Grants

Section

一般

Research Field

Educational technology

Research Institution

Kanazawa University

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Project Period (FY)

1998 – 1999

Keywords

Learning Situation Design / School Intranet / Integrated Learning Curriculum / Lesson Plan / Function of Learning Environment

Research Abstract

We found that various intentional/pedagogical considerations on learning environment are necessary to promote Integrated Learning. The way of enrich learning environment is consists of three types of approach.
-Spacial Design and Evaluation
We captured learning environment using digital camera and analyzed them by some researchers, teachers, and student teachers. The purpose of that was to extract

educational functions of space and physical learning environment.

-Lesson design based on functional analysis of learning environment

Necessity of new procedure to make lesson plan not by task-analysis but story-making was brought to light. In this way of lesson planning, learning environment can have an influence on learning achievement. Thus we proposed a procedure of lesson planning based on analysis of function of leaning environment.

-Network Design

A survey of information traffic in schools made conditions of school intranet clear. Furthermore we proposed new model of collaborative learning thorough the Internet.

Research Products (7 results)

All | Other

All | Publications

[Publications] 潟辺、堀田、黒上: "学習環境に表出した学習支援機能と教師の意図の分析"JET. 99-1. 17-24 (1999)　⌄

[Publications] 黒上、堀田、潟辺、成瀬: "学習環境の機能に関する教師の意識調査"JET. 99-6. 57-60 (1999)　⌄

[Publications] 黒上、加藤: "学習環境構成を軸にした総合的学習カリキュラムの開発プロセス"教育工学・実践研究. 25. 31-39 (1999)　⌄

[Publications] 吉田貞介(監修・著)、黒上晴夫(編著): "総合的学習をつくる"日本文教出版株式会社. 263 (1999)　⌄

[Publications] Miyuki Katabe, Tatsuya Horita & Haruo Kurokami: "Analysis of Overt Relationship between Functions of Learning Environment and Intention of Teachers"JET. Jan-99. 17-24 (1999)　⌄

[Publications] Haruo Kurokami, Tatsuya Horita, Miyuki Katabe & Masami Naruse: "A Survey of Teachers Consciousness about Functions of Learning Environment"JET. Jun-99. 57-60 (1999)　⌄

[Publications] Haruo Kurokami & Takahiro, Kato: "Process of Curriculum Development of Integrated Learning based on Learning Situation Design"Studies in Educational Technology an Implement. No. 25. 31-39 (1999)　⌄

URL: https://kaken.nii.ac.jp/report/KAKENHI-PROJECT-10480036/104800361999kenkyu_seika_hokoku_