2-7-2011

2011-02 HDF 303 Curriculum II: Math and Science

LIBRARY IMPACT STATEMENT (New Course Proposal)
LIBRARIAN'S ASSESSMENT

Subject selectors will complete this form as requested, assessing library materials and collections as detailed below. Send one copy of the assessment to the faculty member who requested it. Send one copy of the assessment to the Collection Management Officer.

Program: HDF 303 CURRICULUM II: Math and Science

Department, College: Human Development and Family Studies

Faculty Member: Susan D. G. Warford

Date returned to Faculty: February 7, 2011

Librarian Completing Assessment: Mona Anne Niedbala, Education & Curriculum Materials Librarian

Collection Management Officer: Joanna Burkhardt

Librarian's Assessment

HDF 303 is a revised course that focuses on Early Childhood Math and Science for grades preschool to two. This course involves math and science curriculum planning and implementation and head teaching. Major topics of the semester include: integrated curriculum development and implementation in the areas of Math and Science; the Head Teacher role and leading groups; guidance, discipline, and classroom management. Along with the National Math and Science standards, students will become familiar the Rhode Island Early Learning Standards, the Rhode Island Science Grade Span Expectations and the Common Core Mathematics Standards. Students will learn developmentally appropriate teaching strategies and techniques in an integrated and developmentally appropriate context.
As this is a curriculum course, students do not write research papers, rather they plan developmentally appropriate curriculum and activities aligned to the national and state standards for early childhood teachers.

The supplemental course readings have been photocopied and converted to PDF format and will be placed on Sakai for student access.
There are no critical journals or identified library materials required to teach this course.

Monographs:

URI Curriculum Materials Library and the general education collection offer various early childhood education resources of curricular materials on math and science teaching and learning: textbooks, reference materials including national and state standards, media materials, materials on lesson planning, big books, games, manipulatives, and instructional software.
Additional curriculum materials are available in other HELIN general education and curriculum materials collections.

Journals:

URI Curriculum Materials Library offers a rich collection of journals and magazines that support early childhood education math and science teaching and learning: *Aims Magazine*, *Teacher's Helper, Science is Elementary,* and *The Mailbox.* These magazines and journals provide teaching and learning content for preschool, kindergarten, and grades one and two.
Other journals such as *Young Children*, *Childhood Education*, *The Reading Teacher*, and *Language Arts* are available at URI or in other HELIN libraries.

Instructional software:

URI Curriculum Materials Library provides a wealth of instructional software that can be used for integrating technology into teaching math and science at the early childhood education level. Software programs such as *Boardmaker*, *Teacher's Toolbox*, *Hyperstudio*, *Inspiration*, *Kidspiration*, *InspireData*, *Math Talk*, and others are available on the Curriculum Materials Library computers and can be accessed by students when the library is open.

The Librarian considers that the Library can provide proper resources to support student work and learning for this course.