



Book Bytes in Mathematics



Instructor: Nancy Sharoff
Dates: TBD
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Office hours: 24/7 via e-mail
If you would like to speak on the phone, please e-mail me so we can set up a time that is convenient to both of us.

Credit: 1 in-service credit (15 hours)

Audience: K - 6 Teachers

Description:

Description: Learn to integrate the internet with picture books to introduce, reinforce, and extend mathematics instruction in your classroom. Learn to develop technological mini-units around picture books that support mathematical concepts which are aligned with the Key Idea(s) in NYS MST Standard 3. Activities will range from "There is Life After Google" (refining search techniques), "Let the Journey Begin..." (creating hotlists and scavenger hunts), "The Welcome Mat" (hosting on-line projects), to "That's Edu-tainment" (incorporating on-line games). Participants will develop and share their mini-units with other participants.

Prerequisites:

1. Computer with internet access
2. Basic knowledge of MS Word (all files will be submitted in this format)
3. Basic knowledge of BlackBoard (please take the self-paced course at <http://www.nassauboces.org/cit/vls/lectora/participant/index.html>)

Standards:

NYS MST Standard 3 - Participants will be selecting one or more of the seven (7) Key Idea(s) and associated performance indicators upon which their project will be built around.

NYS ELA Standards 1 and 4

ISTE NETS for Teachers II, III, V, and VI

Course Objectives:

1. Participants will participate in an on-line learning environment. (Use of discussion boards, synchronous and asynchronous chats, posting responses)
2. Participants will understand the issues of copyright as it applies to the educational community
3. Participants will evaluate various search engines.
4. Participants will evaluate websites.
5. Participants will develop a hotlist and/or scavenger hunt.
6. Participants will develop an on-line project.
7. Participants will develop a Mathematics mini-unit focusing on a specific picture book with internet integration.

Course Policies:

The following criteria must be met to be recommended to receive in-service credit:

1. Log into the class at least three times a week during the duration of the course. (Sign-in statistics are tracked by the system.)
2. All assignments are to be submitted by 11:59:59 p.m. of the due date. Late assignments will be posted in the 'I'm Late, I'm Late for a Very Important Date' forum and must be submitted within one week of the due date.
3. All assignments are to meet Acceptable or Exceptional standards as set forth in the rubrics. Assignments may be resubmitted until they meet the Acceptable or Exceptional standard.
4. In group assignments/activities, participation is imperative. (Discussions in Chat Rooms are archived and can be viewed by the instructor.)
5. At all times professional discourse among participants and 'netiquette' are to be observed.

Please note: Any teacher/participant who plagiarizes will not be recommended for in-service credit.

Course Roadmap:

A detailed Roadmap may be found under the 'Course Information' link.

Recommendation for In-Service Credit:

Participants will be recommended for in-service credit if they follow the above listed 'Course Policies'.