



Book Bytes in Mathematics
 Course Designed by Nancy Sharoff
ROADMAP

<u>Outcome</u>	<u>Assessment</u>	<u>Activity</u>	<u>Seat Time Equivalent</u>
*Participants will become familiar with the on-line environment of this course. *Participants will understand the syllabus and course expectations	*Individual post to ' Getting to Know You ' *Individual post to ' Promises, Promises '	*Introduce yourself to the class *Read 'Roadmap' and 'Recommendation for In-Service Credit'	.5 hour
*Participants will understand the issues of copyright as it applies to the educational community	*Individual post to ' Whose is It? ' See Rubric for this activity	*Readings on copyright issues	.5 hour
*Participants will choose a group picture book (to use for all course group projects) and identify its Mathematical Key Idea(s)	*Post group selection to ' Group Picture Book ' See Rubric for this activity	*Review 'Math Standards' *Synchronous Group Chat *Select group picture book	.5 hour
*Participants will choose an individual picture book (to use for final project) and identify its Mathematical Key Idea(s)	*Post individual selection to ' My Picture Book ' See Rubric for this activity	*Review 'Math Standards' *Select individual picture book	.5 hour

*Participants will evaluate various search engines	*Individual posts to ' Searching the Search Engines ' See Rubric for this activity *Group post to ' Selecting a Search Engine '	*Readings *Synchronous/Asynchronous Group Chat *Select one search engine to use for group picture book and explain the group's selection	1.5 hours
*Participants will develop a group checklist/rubric for website evaluation	* Group post to ' Website Criteria ' See Rubric for this activity	*Readings *Synchronous/Asynchronous Group Chat *Develop group website evaluation criteria form	1 hour
*Participants will evaluate websites	*Group post to ' Is it Worth It? ' See Rubric for this activity	*Evaluate one website chosen by instructor using the group developed website evaluation form	.5 hour
*Participants will develop an individual checklist/rubric for website evaluation	*Individual post to ' Is it Good Enough? ' See Rubric for this activity	*Synchronous/Asynchronous Group Chat *Develop individual website evaluation criteria form	.5 hour
*Participants will work through a hotlist and a scavenger hunt	*Individual post to ' The Journey Continues... ' See Rubric for this activity	*Respond to hotlist and scavenger hunt	1 hour

*Participants will develop a group hotlist or scavenger hunt	*Group post of <i>one</i> of the following: hotlist or scavenger hunt to ' The Journey Ends... ' See Rubric for this activity	*Synchronous/Asynchronous Group Chat *Based upon group picture book develop <i>one</i> of the following: hotlist or scavenger hunt	1 hour
*Participants will develop an individual hotlist or scavenger hunt	*Individual post to ' On My Way... ' See Rubric for this activity	*Based upon individual picture book develop <i>one</i> of the following: hotlist or scavenger hunt	1 hour
*Participants will become familiar with the components of an on-line project	*Individual post to ' On-line Projects ' See Rubric for this activity	*Readings *Post management considerations in the development of on-line projects	.5 hour
*Participants will develop a group on-line project	*Group post to ' Let's Get Together ' See Rubric for this activity	*Synchronous/Asynchronous Group Chat *Based upon group picture book develop the framework for an on-line project	1 hour
*Participants will develop an individual on-line project	*Individual post to ' Welcome Mat ' See Rubric for this activity	*Based upon individual picture book develop the framework for an on-line project	1 hour
*Participants will integrate on-line games into the group picture book mini-unit	*Group post to ' Group Entertainment ' See Rubric for this activity	*Synchronous/Asynchronous Group Chat *Based upon group picture book develop a list of on-line game websites and directions for use	1 hour

*Participants will integrate on-line games into their individual picture book mini-unit	*Individual post to ' Individual Edu-tainment ' See Rubric for this activity	*Based upon individual picture book develop a list of on-line game websites and directions for use	1 hour
*Participants will develop a Mathematics mini-unit focusing on a specific picture book with internet integration	*Individual post to ' It's a Wrap! ' See Rubric for this activity	*Based upon individual picture book develop a Mathematics mini-unit with internet integration	1.5 hours
*Participants will evaluate course	*Individual post to ' Course Evaluation '	*Evaluation of course	.5 hour

TOTAL Seat Time Equivalent: 15 hours