$\qquad$ BID NO. $\qquad$ PUBLISHER $\qquad$ COPYRIGHT DATE $\qquad$
$\qquad$ ISBN $\qquad$ ADVISOR $\qquad$
TEXTBOOK COMMISSION MEMBER $\qquad$ MEMBER'S SBE DISTRICT $\qquad$

## Indicate Appropriate Course:

## _NC Math 1

## Discrete Mathematics for Computer Science

## NC Math 2

__NC Math 4
__NC Math 3
__Precalculus

## PART I CONTENT

Compatibility with the North Carolina Curriculum for Mathematics in the North Carolina Standard Course of Study (NCSCOS). In accordance to State Board Policy TEXT-001, all items in Part I must be marked "yes" in order for the submission to be recommended.

Answer yes to indicate the materials meet the criteria or no to indicate the materials do not meet the criteria. Please explain your responses. Be sure to cite specific page numbers, textual references as well as specific standards.

|  |  | Yes | No |
| :--- | :--- | :---: | :---: |
| A. | Materials present the main concepts that support a minimum of $\mathbf{8 0 \%}$ of the instructional <br> objectives for the course/grade/media in the NCSCOS. |  |  |
| B. | Content, methodology, instructional levels, and teaching strategies are consistent with the <br> curriculum's philosophy, values, and goals. |  |  |

Documentation for PART I CONTENT

## PART II PEDAGOGY

If three (3) criteria are answered no in Part II, do not complete parts III and IV.

|  |  | Yes | No |
| :--- | :--- | :--- | :--- |
| A. | There is an appropriate balance of skill development, conceptual understanding, and mathematical <br> practices. |  |  |
| B. | Mathematical concepts are connected and interwoven across strands instead of studied in isolation. |  |  |
| C. | Mathematical concepts are presented in depth and with increasing sophistication across grades. |  |  |
| D. | Materials have contextual problems that engage students and give rise to further exploration of |  |  |



## Documentation for PART II PEDAGOGY

## PART III ACCESSIBILITY

Please provide evidence of the following:

| A. Accuracy | Yes | No |  |
| :--- | :--- | :--- | :--- |
| 1. | Material is error-free, current, uses correct grammar, spelling, and sentence structure. <br> (This includes text, maps, charts, timelines, demographics, statistics, photos, etc.) Material <br> does not contain outdated material. |  |  |
| 2. | Material is presented factually and objectively, representing a diverse balance of cultural, <br> ethnic, racial, gender, and handicapped groups. (This includes text, photos, graphics, etc.) |  |  |


| B. Appropriateness | Yes | No |  |
| :--- | :--- | :--- | :--- |
| 1. | Content provides for grade appropriate, yet varied cognitive levels, abilities, and learning <br> styles. |  |  |
| 2. | Instructional materials include strategies and activities that are engaging and that activate <br> or supply prior knowledge. |  |  |
| 3. | Materials provide for a variety of exercises, reviews, assessments, performance tasks, etc., <br> which provide opportunities for students to collect, organize, interpret, and evaluate |  |  |


|  | information critically and creatively in a variety of formats. |  |  |
| :--- | :--- | :--- | :--- |
| 4. | Format is visually appealing and not distracting from content; Features or text/layout are <br> level appropriate and enhance learning. |  |  |


| C. Scope | Yes | No |  |
| :--- | :--- | :--- | :--- |
| 1. | Material presents information in sufficient depth and breadth to cover adequately course <br> content in a logical manner to address grade level expectations. |  |  |
| 2. |  <br> Spanish), index, sidebars, atlas, dictionary/thesaurus, bibliography/footnotes, see and see <br> also references, web sites, literature links, support agencies etc. |  |  |
| 3. | Key concepts, skills, vocabulary are identified, developed, reviews, and reinforced. |  |  |


| D. Teacher Resources | Yes | No |  |
| :--- | :--- | :--- | :--- |
| 1. | Instructional materials include teacher resources, which provide information and <br> opportunities for teachers to increase their own understanding of the subject specific <br> concepts and structures for teachers to navigate and search for resources easily. |  |  |
| 2. | Adequate teacher resources, which include suggestions for intervention, scaffolding, <br> acceleration, extension of learning, integration, feedback, and review. |  |  |
| 3. | Materials should include summary of material contents, provide instruction and/or <br> behavioral objectives (observable outcomes that students will demonstrate at the end of a <br> lesson), supplemental or background information and answer keys/rubrics. |  |  |
| 4. | User navigation of resources is easy to learn; Content structure is logical, well organized, <br> comprehensive, durable and reasonably sized, with sufficient material for student use. |  |  |
| 5. | Resources should accommodate the needs of both a first-year teacher and the veteran <br> teacher. |  |  |


| E. Technology | Yes | No |  |
| :--- | :--- | :--- | :--- |
| 1. | Technology should meet all criteria for accuracy, appropriateness, and scope. Format is <br> easy to navigate, visually appealing and not distracting from content. Teacher materials <br> should also meet the criteria of the teacher resources. If student access is allowed, a <br> Save/Record feature should be included. Print resources are available or may be converted <br> to specialized formats for accessibility. |  |  |
| 2. | Digital content can be assessed on various devices and Internet browsers. Digital resources <br> are accessible. |  |  |
| 3. | Technology features include accessibility options to enable all users equivalent access. |  |  |
| 4. | The technology resource design contains motivational elements to engage students, <br> appropriate visual and auditory elements, and provides an intuitive user interface. |  |  |
| 5. | There are robust digital resources for student learning, practice and assessment. |  |  |
| 6. | Digital materials provide opportunities for meaningful, interactive experiences. |  |  |
| 7. | Digital materials provide content supports for teachers to further develop expertise. |  |  |

## Documentation for PART III ACCESSIBILITY

## PART IV Overall Analysis: (For Textbook Commission Use Only)

These instructional materials meet the criteria $\qquad$ yes $\qquad$ no.

Documentation for PART IV: Comments that further describe standards for yes or no responses in Parts I, II, or III.

MATHEMATICS: EC EVALUATION

SUBJECT $\qquad$ GRADE $\qquad$
TEXTBOOK MATERIALS TITLE $\qquad$ BID NO. $\qquad$ PUBLISHER $\qquad$ COPYRIGHT DATE $\qquad$
AUTHOR(S) $\qquad$ ISBN $\qquad$
ADVISOR $\qquad$ TEXTBOOK COMMISSION MEMBER $\qquad$ MEMBER'S SBE DISTRICT

Answer "yes" to indicate the textbook materials meet the criteria or answer "no" to indicate the textbook materials do not meet the criteria.

| Appropriateness, Scope, and Resources | Yes | No |  |
| :--- | :--- | :--- | :--- |
| 1. | Content provides for grade appropriate, yet varied cognitive levels, abilities, and learning <br> styles. |  |  |
| 2. | Content is relevant, links to and builds on student prior knowledge, contains multisensory <br> strategies, and promotes active student engagement. |  |  |
| 3. | Materials provide for a variety of exercises, reviews, assessments, and performance tasks, <br> which provide opportunities for students to collect, organize, interpret, and evaluate <br> information critically and creatively in a variety of formats, and that promote opportunities <br> for two-way and in-depth student discourse about math (not just procedures). |  |  |
| 4. | Text and layout are level appropriate, including font, color, spacing legibility, photos, <br> graphics, and captioning. |  |  |
| 5. | Supplemental resources include necessary guides such as table of contents, glossary <br> (English \& Spanish), index, sidebars, atlas, dictionary/thesaurus, bibliography/footnotes, <br> see and see also references, web sites, literature links, and support agencies etc. |  |  |
| 6. | Key concepts, skills, vocabulary are identified, developed, reviewed, and reinforced. |  |  |
| 7. | Materials provide adequate teacher resources, which include suggestions for remediation, <br> acceleration, extension of learning, integration, feedback, review, and include examples <br> that foster in-depth understanding of math that are clearly evident throughout. |  |  |
| 8. | Materials include a summary of contents, instruction and/or behavioral objectives, <br> supplemental or background information, and answer keys/rubrics. |  |  |
| 9. | Materials are well organized, easy to use, comprehensive, durable and reasonably sized, <br> and contain sufficient material for student use. |  |  |
| 10. Resources accommodate the needs of beginning through veteran teachers. |  |  |  |
| 11. Technology meets criteria for accuracy, appropriateness, and scope. It is easy to navigate, |  |  |  |
| visually appealing, and includes a Save/Record feature; if applicable. |  |  |  |

Keeping in mind the needs of EC students and their teachers, please give specifics to support both the yes and no responses.

## Documentation for yes and no responses:

## MATHEMATICS: EL EVALUATION

SUBJECT $\qquad$ GRADE $\qquad$

TEXTBOOK MATERIALS TITLE $\qquad$ BID NO. $\qquad$
$\qquad$ COPYRIGHT DATE

AUTHOR(S) $\qquad$ ISBN
$\qquad$ ADVISOR $\qquad$ TEXTBOOK COMMISSION MEMBER $\qquad$ MEMBER'S SBE DISTRICT

Answer yes to indicate the textbook materials meet the criteria or no to indicate the textbook materials do not meet the criteria.

| Appropriateness, Scope, and Resources | Yes | No |  |
| :--- | :--- | :--- | :--- |
| 1. | Content provides grade-appropriate, yet varied linguistic levels, abilities, and <br> learning styles. |  |  |
| 2. | Content is relevant, addresses a variety of cultural aspects, links to prior <br> knowledge, builds background knowledge, and promotes active student <br> engagement. |  |  |
| 3. | Materials provide opportunities for scaffolding interaction, such as, a variety of <br> exercises, reviews, assessments, and performance tasks (e.g., including <br> sentence frames, word banks, etc.). |  |  |
| 4. | Materials provide opportunities for students to collect, organize, interpret, and <br> evaluate information critically and creatively in a variety of formats (e.g., <br> including the use of the student's first language). |  |  |
| 5. | Text and layout are age/proficiency/grade-level appropriate, including font, <br> color, spacing legibility, photos, graphics, and captioning. |  |  |
| 6. | Material includes necessary guides such as a table of contents, glossary (e.g., <br> English \& Spanish), index, sidebars, atlas, dictionary/thesaurus, <br> bibliography/footnotes, see and see also references, websites, literature links, <br> and support agencies, etc. |  |  |
| 7. | Key concepts, skills, and vocabulary are identified, developed, reviewed, and <br> reinforced. |  |  |
| 8. | Materials provide adequate teacher resources, which include suggestions for <br> acceleration, extension of learning, integration, feedback, and/or review <br> specific to English Learners. |  |  |
| 9. | Materials include a summary of contents, instruction and/or behavioral <br> objectives, supplemental or linguistically and culturally relevant background <br> information, and answer keys/rubrics. |  |  |
| 10.Materials are well organized, easy to use, comprehensive, durable and <br> reasonably sized. | Resources accommodate the EL Support needs of beginning through veteran <br> teachers. | Technology is easy to navigate, visually appealing, and ideally includes a |  |
| screen reader, dictionary, and a Save/Record feature, if applicable. |  |  |  |
| 11. |  |  |  |

Keeping in mind the linguistic needs of EL students and their teachers, please give specifics to support both the yes and no responses.

## Documentation for yes and no responses:

