

MATHEMATICS IIB
Course Outline: 3202

I. Textbook Assignment Options:

A. *Mathematics: Applications & Connections Course 1, Part I (5.0 credits)*

- Complete: “Check for Understanding,” and “Exercises” 1-1 to 1-7.
- Complete: Chapter 1 “Mid Chapter Self-Test” (even only).
- Complete: “Check for Understanding” and “Exercises” 2-1 to 2-6 (even only).
- Complete: all “Section Quiz” problems.
- Complete: Chapter 2 “Mid Chapter Self-Test” (even only)
- Complete: Extension Activity A.
- Complete: “Check for Understanding,” and “Exercises” 3-1 to 3-6 (even only).
- Complete: Chapter 3 “Mid-Chapter Test” (even only).
- Complete: all “Section Quiz” problems.
- Complete: “Standardized Test Practice” (even only).
- Complete: Extension Activity B.
- Complete: “Check for Understanding,” and “Exercises” 4-1 to 5-5
- Complete: Chapters 4 and 5 “Mid Chapter Self-Tests” (even only).
- Complete: all “Section Quiz” problems.
- Complete: “Check for Understanding,” and “Exercises” 5-6 to 6-7 (even only).
- Complete: “Standardized Test Practice”
- Complete: Chapter 6 “Mid Chapter Self-Test” (even only).
- Complete: all “Section Quiz” problems.

B. *Saxon Math 54, Part II (5.0 credits)*

- Complete all even-numbered problems in Lessons 82 - 89, 92 –96.
- Complete: Extension Activity A.
- Complete: all even-numbered problems in Lessons 101 – 114.
- Complete: all even-numbered problems in Lessons 121 – 124.
- Complete: Extension Activity B.
- Complete all even-numbered problems in Lessons 129 – 141.

C. *Saxon Math 65, Part I (5.0 credits)*

- Complete all even numbered problems in Lessons 17-76.
- Complete Extension Activity A.
- Complete Extension Activity B.

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II. Extension Activities

A. My Vacation

Using the Internet, plan a one-week vacation. Some websites that you might find useful are: mapquest.com, travelocity.com or expedia.com. Write a 3-paragraph report about where you will travel, the sites you will visit along the way and the distance and driving times for each part of your trip. Include in your report a map of where you are vacationing. (NS 4-3.0: MG 4-2.0: SDAP 4-1.0: MR 4-1.0)

B. Google Search

Using the Internet, go to: nba.com. Select “players” from the list of links on the left. Choose 8 current NBA players' scoring statistics. Design a table and number line to organize your data. The scoring averages will be from least to greatest. Find the difference between the high and the low. (NS 4-2.0: SDAP 4-1.0)

Hint: To create a table in WORD, click on the word “table” on the menu bar at the top of the screen, then “insert”, and then “table”. The table “wizard” will appear and you will need 2 columns (names and scoring averages) and 8 rows (1 for each player’s name). Place the column headings (“Player” and “Scoring”) at the top of each column. Your table should resemble the following sample:

Player	Scoring

C. Teacher generated activity, approved by the site administrator.

III. Evaluation

- Unit and/or final test.
- All textbook work must meet the 70% accuracy level for a “C” grade.