Redesigned Mathematics SAT Exploration Guide

**Instructions:**

1. Divide into groups (3-6 people per group). Assign group numbers 1 – 3 (optional work for a group #4). With large numbers of participants, have multiple groups assigned as Group 1 – 3.

2. Use your copy of the Test Specifications for the Redesigned SAT Booklet (found at [www.collegeboard.org](http://www.collegeboard.org) ) to complete the following template. Each group completes the indicated section within the indicated timeframe. (Small group work – 45 minutes)

3. Groups share out key ideas and discuss for the last 45 minutes (or more) of the session. Each group shares their findings (12 – 15 min each group) while other participants take notes.

**Overall claim for the Mathematics SAT Test: “Students have fluency with, understanding of, and the ability to apply the mathematical concepts, skills, and practices that are most strongly prerequisite and central to their ability to progress through a range of college courses, career training, and career opportunities.”**

| **Booklet Section** | **Page #s** | **Instructions**  **Notes/Evidence** |
| --- | --- | --- |
| 1. **Test Summary** | **132-133** | **All Participants - 7 minutes**  Read and note key ideas, interesting and new information; changes you can implement. |
| 1. **Calculator vs. No Calculator** | **134** | **All Participants - 3 minutes**  Read and note key ideas, interesting and new information; changes you can implement. |
| 1. **Heart of Algebra** | **136 – 137**  **156 - 167** | **Group One – 35 minutes**  Read and note key ideas, interesting and key information.  Solve and share 2 problems which you feel exemplify the changes in this strand and the increase in rigor. |
| 1. **Problem Solving and Data Analysis** | **138 – 139**  **168 - 177** | **Group Two – 35 minutes**  Read and note key ideas, interesting and key information.  Solve and share 2 problems which you feel exemplify the changes in this strand and the increase in rigor. |
| 1. **Passport to Advanced Math** | **140 – 141**  **178 - 186** | **Group Three – 35 minutes**  Read and note key ideas, interesting and key information.  Solve and share 2 problems which you feel exemplify the changes in this strand and the increase in rigor. |
| 1. **Additional Topics (optional)**   **▪ Key Features** | **142**  **189 – 191**  **143 - 155** | **Group Four (optional) – 35 minutes**  Read and note key ideas, interesting and key information.  Solve and share 2 problems which you feel exemplify the changes in this strand and the increase in rigor. |