

## Dimensions Math Scheduling Suggestions

(see following pages for each unit's individual schedule)

1. If a student completes each Unit in the suggested number of days listed on the schedule, Dimensions Math 8A and 8B will be completed in 34 weeks. Dimensions 8A is a bit longer, so 8A requires approximately 19 weeks and 8B requires 15 weeks. This includes 1 week per book to study for and complete a cumulative semester exam provided by Singapore Math® Live.
2. Singapore Math® Live strongly recommends the use of Dimensions Math 8A Textbook and Workbook. The “Basic Practice” problems in the workbook are used as review during the Instruction Recordings. The “Further Practice”, “Challenging Practice”, and “Enrichment” problems in the workbook are assigned after completing the Textbook Exercises.
  - a. The “Further Practice” problems combine the concepts of each unit into problems that promote comprehension and critical thinking skills, this is very important practice!
  - b. The “Challenging Practice” introduces word problems and applications, also very important!
  - c. The “Enrichment” portion teaches students to think about math from a broader perspective. This is important for developing abstract thinking / reasoning skills.
3. In Dimensions 8, notice that one Task is approximately equivalent to one day's work. However, it is generally true that the Workbook problems will take longer to complete so try to complete two tasks per day when possible so that you have plenty of time allowed for the Workbook problems at the end of each Unit. It is reasonable for a student to give their full attention to math for 60-90 minutes each day at this level.
4. Although some of the problems are quite rigorous, students should attempt each one and then go to the Solutions Recordings if they have incorrect answers or if they are not able to solve them on their own. They should view the solution, pause the recording, and then use the same strategies and methods to solve the problem on their own. There will be times when the goal of “every problem in each unit” is unrealistic, but with the Solutions Recordings available, it is a much more attainable goal!
5. At the beginning of each unit, read the Parent Notes, available to registered parents only. Here you will find information/instructions that will be specific to that unit.

## Dimensions Math 8A Unit 1: Exponents and Scientific Notation

**Suggested Time: 18 Days**

**TB = Textbook; WB = Workbook**

*Note: WB #1-15 are completed during the Instruction Recordings.*

**Task 1:** Watch 1.1 Instruction Recording

**Task 2:** Assignment: TB 1.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 3:** Watch 1.2 Instruction Recording

**Task 4:** Assignment: TB 1.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 5:** Watch 1.3 Instruction Recording

**Task 6:** Assignment: TB 1.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 7:** Watch 1.4 Instruction Recording

**Task 8:** Assignment: TB 1.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 9:** Watch 1.5 Instruction Recording

**Task 10:** Assignment: TB 1.5 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 11:** Watch 1.6 Instruction Recording

**Task 12:** Assignment: TB 1.6 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 13:** Watch 1.7 Instruction Recording

**Task 14:** Assignment: TB 1.7 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 15:** Watch Unit 1 Review Recording

**Task 16:** Assignment: WB #16-30, Check answers in back, use Solutions recording to help with corrections.

**Task 17:** Assignment: WB #31-45, Check answers in back, use Solutions recording to help with corrections.

**Task 18:** Assignment: TB Unit 1 Review, Check answers in back, use Solutions recording to help with corrections.

**Task 19:** Assignment: Singapore Math® Live's Unit 1 Test