

## 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 7A and 7B will be completed in 34 weeks. Dimensions 7A is a bit longer, so 7A requires approximately 18 weeks and 7B requires 16 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 7B 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. Notice that one Task is not equivalent to one day's work. It is generally reasonable to complete two tasks per day in the first part of each unit when the student is watching an Instruction Recording and completing the corresponding assignment. However, at the end of each unit the two tasks that assign Workbook problems will take between 2 and 4 days to complete. 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 found by clicking the “Resources for Registered Parents” link. Here you will find information/instructions that are specific to that unit.

## **Dimensions Math 7B Unit 13: Volumes and Surface Areas of Solids**

**Suggested Time: 7 Days**

**TB = Textbook; WB = Workbook**

*Note: WB #1-10 are completed during the Instruction Recordings.*

**Task 1:** Watch 13.1 Instruction Recording

**Task 2:** Assignment: TB 13.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 3:** Watch 13.2 Instruction Recording

**Task 4:** Assignment: TB 13.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 5:** Watch 13.3 Instruction Recording

**Task 6:** Assignment: TB 13.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

**Task 7:** Watch Unit 13 Review Recording

**Task 8:** Assignment: WB #11-20, Check answers in back, use Solutions recording to help with corrections.

**Task 9:** Assignment: WB #21-28, Check answers in back, use Solutions recording to help with corrections.

**Task 10:** Assignment: TB Unit 13 Review, Check answers in back, use Solutions recording to help with corrections.

**Task 11:** Assignment: Singapore Math® Live's Unit 13 Test