

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 9: Number Patterns

Suggested Time: 6 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 9.1 Instruction Recording

Task 2: Assignment: TB 9.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 9.2 Instruction Recording

Task 4: Assignment: TB 9.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch Unit 9 Review Recording

Task 6: Assignment: WB #11-20, Check answers in back, use Solutions recording to help with corrections.

Task 7: Assignment: WB #21-29, Check answers in back, use Solutions recording to help with corrections.

Task 8: Assignment: TB Unit 9 Review, Check answers in back, use Solutions recording to help with corrections.

Task 9: Assignment: Singapore Math® Live's Unit 9 Test

Dimensions Math 7B Unit 10: Coordinates and Linear Graphs

Suggested Time: 7 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 10.1 Instruction Recording

Task 2: Assignment: TB 10.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 10.2 Instruction Recording

Task 4: Assignment: TB 10.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 10.3 Instruction Recording

Task 6: Assignment: TB 10.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch Unit 10 Review Recording

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

Task 9: Assignment: WB #21-29, Check answers in back, use Solutions recording to help with corrections.

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

Task 11: Assignment: Singapore Math® Live's Unit 10 Test

Dimensions Math 7B Unit 11: Inequalities

Suggested Time: 9 Days

TB = Textbook; WB = Workbook

Note: WB #1-13 are completed during the Instruction Recordings.

Task 1: Watch 11.1 Instruction Recording

Task 2: Assignment: TB 11.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 11.2 Instruction Recording

Task 4: Assignment: TB 11.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 11.3 Instruction Recording

Task 6: Assignment: TB 11.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 11.4 Instruction Recording

Task 8: Assignment: TB 11.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch Unit 11 Review Recording

Task 10: Assignment: WB #14-28, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: WB #29-43, Check answers in back, use Solutions recording to help with corrections.

Task 12: Assignment: TB Unit 11 Review, Check answers in back, use Solutions recording to help with corrections.

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

Dimensions Math 7B Unit 12: Perimeters and Areas of Plane Figures

Suggested Time: 11 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 12.1 Instruction Recording

Task 2: Assignment: TB 12.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 12.2 Instruction Recording

Task 4: Assignment: TB 12.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 12.3 Instruction Recording

Task 6: Assignment: TB 12.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 12.4 Instruction Recording

Task 8: Assignment: TB 12.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch 12.5 Instruction Recording

Task 10: Assignment: TB 12.5 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 11: Watch Unit 12 Review Recording

Task 12: Assignment: WB #11-20, Check answers in back, use Solutions recording to help with corrections.

Task 13: Assignment: WB #21-29, Check answers in back, use Solutions recording to help with corrections.

Task 14: Assignment: TB Unit 12 Review, Check answers in back, use Solutions recording to help with corrections.

Task 15: Assignment: Singapore Math® Live's Unit 12 Test

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

Dimensions Math 7B Unit 14: Proportions

Suggested Time: 9 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 14.1 Instruction Recording

Task 2: Assignment: TB 14.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 14.2 Instruction Recording

Task 4: Assignment: TB 14.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 14.3 Instruction Recording

Task 6: Assignment: TB 14.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 14.3 Instruction Recording

Task 8: Assignment: TB 14.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch Unit 14 Review Recording

Task 10: Assignment: WB #11-20, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: WB #21-29, Check answers in back, use Solutions recording to help with corrections.

Task 12: Assignment: TB Unit 14 Review, Check answers in back, use Solutions recording to help with corrections.

Task 13: Assignment: Singapore Math® Live's Unit 14 Test

Dimensions Math 7B Unit 15: Data Handling

Suggested Time: 11 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 15.1 Instruction Recording

Task 2: Assignment: TB 15.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 15.2 Instruction Recording

Task 4: Assignment: TB 15.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 15.3 Instruction Recording

Task 6: Assignment: TB 15.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 15.4 Instruction Recording

Task 8: Assignment: TB 15.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch 15.5 Instruction Recording

Task 10: Assignment: TB 15.5 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 11: Watch Unit 15 Review Recording

Task 12: Assignment: WB #11-20, Check answers in back, use Solutions recording to help with corrections.

Task 13: Assignment: WB #21-29, Check answers in back, use Solutions recording to help with corrections.

Task 14: Assignment: TB Unit 15 Review, Check answers in back, use Solutions recording to help with corrections.

Task 15: Assignment: Singapore Math® Live's Unit 15 Test

Dimensions Math 7B Unit 16: Probability of Simple Events

Suggested Time: 7 Days

TB = Textbook; WB = Workbook

Note: WB #1-16 are completed during the Instruction Recordings.

Task 1: Watch 16.1 Instruction Recording

Task 2: Assignment: TB 16.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 16.2 Instruction Recording

Task 4: Assignment: TB 16.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 16.3 Instruction Recording

Task 6: Assignment: TB 16.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch Unit 16 Review Recording

Task 8: Assignment: WB #17-29, Check answers in back, use Solutions recording to help with corrections.

Task 9: Assignment: WB #30-39, Check answers in back, use Solutions recording to help with corrections.

Task 10: Assignment: TB Unit 16 Review, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: Singapore Math® Live's Unit 16 Test

Dimensions Math 7B Unit 17: Probability of Combined Events

Suggested Time: 9 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 17.1 Instruction Recording

Task 2: Assignment: TB 17.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 17.2 Instruction Recording

Task 4: Assignment: TB 17.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 17.3 Instruction Recording

Task 6: Assignment: TB 17.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 17.4 Instruction Recording

Task 8: Assignment: TB 17.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch Unit 17 Review Recording

Task 10: Assignment: WB #11-18, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: WB #19-27, Check answers in back, use Solutions recording to help with corrections.

Task 12: Assignment: TB Unit 17 Review, Check answers in back, use Solutions recording to help with corrections.

Task 13: Assignment: Singapore Math® Live's Unit 17 Test

Dimensions Math 7B Cumulative Review and Exam

Suggested Time: 5 Days

Task 1: Review Units 9-10 by re-working the tests for those units.

Task 2: Review Units 11-12 by re-working the tests for those units.

Task 3: Review Units 13-14 by re-working the tests for those units.

Task 4: Review Units 15-17 by re-working the tests for those units.

Task 5: Complete Singapore Math® Live's Dimensions 7B Cumulative Exam