

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, each Dimensions Math level will be completed in 17 weeks. This includes 16 weeks to finish the book and 1 week 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 7A 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 usually 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 “Notes for Unit ___” (found on the recording page for each unit.) Here you will find information/instructions that will be specific to that unit.

Dimensions Math 8A Unit 1: Exponents and Scientific Notation

Suggested Time: 14 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

Dimensions Math 8A Unit 2: Linear Equations in Two Variables

Suggested Time: 12 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 2.1 Instruction Recording

Task 2: Assignment: TB 2.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 2.2 Instruction Recording

Task 4: Assignment: TB 2.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 2.3 Instruction Recording

Task 6: Assignment: TB 2.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 2.4 Instruction Recording

Task 8: Assignment: TB 2.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch 2.5 Instruction Recording

Task 10: Assignment: TB 2.5 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 11: Watch Unit 2 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 2 Review, Check answers in back, use Solutions recording to help with corrections.

Task 15: Assignment: Singapore Math® Live's Unit 2 Test

Dimensions Math 8A Unit 3: Expansion and Factorization of Algebraic Expressions

Suggested Time: 10 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 3.1 Instruction Recording

Task 2: Assignment: TB 3.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 3.2 Instruction Recording

Task 4: Assignment: TB 3.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 3.3 Instruction Recording

Task 6: Assignment: TB 3.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch Unit 3 Review Recording

Task 8: Assignment: WB #11-22, Check answers in back, use Solutions recording to help with corrections.

Task 9: Assignment: WB #23-32, Check answers in back, use Solutions recording to help with corrections.

Task 10: Assignment: TB Unit 3 Review, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: Singapore Math® Live's Unit 3 Test

Dimensions Math 8A Unit 4: Quadratic Factorization and Equations

Suggested Time: 10 Days

TB = Textbook; WB = Workbook

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

Task 1: Watch 4.1 Instruction Recording

Task 2: Assignment: TB 4.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 4.2 Instruction Recording

Task 4: Assignment: TB 4.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 4.3 Instruction Recording

Task 6: Assignment: TB 4.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch Unit 4 Review Recording

Task 8: Assignment: WB #11-21, Check answers in back, use Solutions recording to help with corrections.

Task 9: Assignment: WB #22-30, Check answers in back, use Solutions recording to help with corrections.

Task 10: Assignment: TB Unit 4 Review, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: Singapore Math® Live's Unit 4 Test

Dimensions Math 8A Unit 5: Simple Algebraic Fractions

Suggested Time: 12 Days

TB = Textbook; WB = Workbook

Note: WB #1-11 are completed during the Instruction Recordings.

Task 1: Watch 5.1 Instruction Recording

Task 2: Assignment: TB 5.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 5.2 Instruction Recording

Task 4: Assignment: TB 5.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 5.3 Instruction Recording

Task 6: Assignment: TB 5.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 5.4 Instruction Recording

Task 8: Assignment: TB 5.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch 5.5 Instruction Recording

Task 10: Assignment: TB 5.5 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 11: Watch Unit 5 Review Recording

Task 12: Assignment: WB #12-23, Check answers in back, use Solutions recording to help with corrections.

Task 13: Assignment: WB #24-37, Check answers in back, use Solutions recording to help with corrections.

Task 14: Assignment: TB Unit 5 Review, Check answers in back, use Solutions recording to help with corrections.

Task 15: Assignment: Singapore Math® Live's Unit 5 Test

Dimensions Math 8A Unit 6: Congruence and Similarity

Suggested Time: 11 Days

TB = Textbook; WB = Workbook

Note: WB #1-12 are completed during the Instruction Recordings.

Task 1: Watch 6.1 Instruction Recording

Task 2: Assignment: TB 6.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 6.2 Instruction Recording

Task 4: Assignment: TB 6.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 6.3 Instruction Recording

Task 6: Assignment: TB 6.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 6.4 Instruction Recording

Task 8: Assignment: TB 6.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch Unit 6 Review Recording

Task 10: Assignment: WB #13-28, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: WB #29-37, Check answers in back, use Solutions recording to help with corrections.

Task 12: Assignment: TB Unit 6 Review, Check answers in back, use Solutions recording to help with corrections.

Task 13: Assignment: Singapore Math® Live's Unit 6 Test

Dimensions Math 8A Unit 7: Parallel Lines and Angles in Triangles and Polygons

Suggested Time: 11 Days

TB = Textbook; WB = Workbook

Note: WB #1-11 are completed during the Instruction Recordings.

Task 1: Watch 7.1 Instruction Recording

Task 2: Assignment: TB 7.1 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 3: Watch 7.2 Instruction Recording

Task 4: Assignment: TB 7.2 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 5: Watch 7.3 Instruction Recording

Task 6: Assignment: TB 7.3 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 7: Watch 7.4 Instruction Recording

Task 8: Assignment: TB 7.4 Exercises, Check answers in back, use Solutions recording to help with corrections.

Task 9: Watch Unit 7 Review Recording

Task 10: Assignment: WB #12-21, Check answers in back, use Solutions recording to help with corrections.

Task 11: Assignment: WB #22-30, Check answers in back, use Solutions recording to help with corrections.

Task 12: Assignment: TB Unit 7 Review, Check answers in back, use Solutions recording to help with corrections.

Task 13: Assignment: Singapore Math® Live's Unit 7 Test

Dimensions Math 8A Cumulative Review and Exam

Suggested Time: 5 Days

Task 1: Review Units 1-2 by re-working the tests for those units.

Task 2: Review Units 3-4 by re-working the tests for those units.

Task 3: Review Units 5 by re-working the test for this unit.

Task 4: Review Units 6-7 by re-working the tests for those units.

Task 5: Complete Singapore Math® Live's Dimensions Math 8A Cumulative Exam