Courses for Mr. Andrulis

Dear students and parents, what follows are plans for work and studying that you can do for the next two weeks while our normal school schedule is disrupted. Obviously this is not ideal but I have attempted to give you meaningful assignments that will help us all to keep moving forward in our learning. Your challenge will be to do all of this while on your own. The good news is that I will be available if you have questions, all you have to do is email me at tandrulis@rsd.k12.pa.us and I will answer you as quickly as possible.

Read the assignments and instructions carefully, there will be work that you must do (and show all steps) that you will turn in when we return to our normal school schedule. Please be thorough in your work.

As you are working through the assignments, remember that examples are provided and that you can email either myself or Mr. Staub (for algebra 2) jstaub@rsd.k12.pa.us or Mr. Slencak (for algebra 1B) at mslencak@rsd.k12.pa.us and you can even use resources such as Khan Academy or YouTube. We understand that things may be frustrating at times, so make your best effort!

Please keep pace with the daily assignments as they will be graded and will count towards your grade. Once we return to our normal school schedule and review these topics together, you will be assessed on them, so again, take a serious and deliberate approach to your work.

Algebra 2 (Periods 1, 3, and 5)

All assignments are in the textbook that was given to you. Please read the examples and then complete the questions at the end of the section. Show your work in the notebook the school gave you!

Day 1 – In the textbook read pages 48 to 51 and complete problems 3-10, 27-30, 35-40

Day 2 – In the textbook read pages 56 to 60 and complete problems 3-25 odd only

Day 3 – In the textbook complete problems 41-47, and 55-60 on pages 62 and 63

Day 4 – In the textbook read pages 76 to 79 and complete problems 5-8, 11-13, and 32

Day 5 – In the textbook read pages 94 to 98 and complete problems 3-8, 15-18, 47-50

Day 6 – In the textbook read pages 103 to 107 and complete problems 8, 15, 25, 39, 51, 57, 71

Day 7 – In the textbook read pages 111 to 115 and complete problems 5, 6, 13, 16, 25-27

Day 8 – In the textbook complete problems 41-45, 55-59 on page 117

Day 9 – In the textbook read pages 121 to 126 and complete problems 7-12, 19-22

Day 10 – In the textbook read pages 132 to 135 and complete problems 4, 21, 23, 30, 37
Algebra 1B (Period 7)

All assignments are in the Keystone Coach book that was given to you. Please read the assigned pages and complete the questions at the end of the section. <u>Show your work in the notebook the school gave you!</u>

Day 1 – Lesson 9, Linear Equations, pages 60-67

Day 2 – Lesson 10, Systems of Linear Equations, page 68-75

Day 3 – Lesson 11, Linear and Compound Inequalities, pages 76-83

Day 4 – Lesson 15, Domain and Range, pages 116-122

Day 5 – Lesson 16, Linear Functions, pages 123-128

Day 6 – Lesson 22, Circle Graphs and Bar Graphs, pages 182-190

Day 7 – Lesson 24, Line Graphs and Scatter Plots, pages 198-206

Day 8 – Lesson 19, Find the Slope and Y-Intercept, pages 153-160

Day 9 – Lesson 2, Simplify Square Roots, pages 14-17

Day 10 – Lesson 18, Constant Rates of Change, pages 146-152

STEAM (Period 8)

You are to continue to work on your website on WebLab in Code Studio. Remember, I can see everything you are creating and will be monitoring your daily progress. You have been given your ticket to take home with your login information.

Your goal is to continue wherever you left off last time we met. You should complete ½ of a lesson in Unit 2 per day.

Day 1 – Complete ½ a unit in Lesson 2
Day 2 – Complete ½ a unit in Lesson 2
Day 3 – Complete ½ a unit in Lesson 2
Day 4 – Complete ½ a unit in Lesson 2
Day 5 – Complete ½ a unit in Lesson 2
Day 6 – Complete ½ a unit in Lesson 2
Day 7 – Complete ½ a unit in Lesson 2
Day 8 – Complete ½ a unit in Lesson 2
Day 9 – Complete ½ a unit in Lesson 2
Day 10 – Complete ½ a unit in Lesson 2

Algebra 2 11-12 (Period 9)

All assignments are in the packet that was given to you. Please read the examples and then complete the selected questions for each day. Show your work in the notebook the school gave you!

Day 1 – Factoring Review

Day 2 – Simplifying Radicals Review

Day 3 – Simplifying Radicals using the Quotient Property

Day 4 – Conjugates

Day 5 – Solving Radical Equations

Day 6 – Adding and Subtracting Complex Numbers

Day 7 – Multiply and Dividing Complex Numbers

Day 8 – Solving Equations with Complex Numbers

Day 9 – Graphing in Vertex Form

Day 10 – Graphing in Standard Form