

Courses for Mr. Andrulis

Dear students and parents, these are the plans for work and studying that you can do for the week of March 30th through April 3rd. 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.

The plans below are the weekly outline of the work that is being assigned. You will receive a short daily email each morning with additional information as well as a reminder to complete your work for that day.

Read the assignments and instructions carefully as there will be work that you must do (and show all steps) that you will turn in for grades. 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 at tandrulis@rsd.k12.pa.us or Mr. Staub (for algebra 2 and algebra 1B) jstaub@rsd.k12.pa.us or Mr. Slencak (for algebra 1B) at msslencak@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. At some point you will be assessed on these topics, so again, take a serious and deliberate approach to your work.

Algebra 2 (Periods 1, 3, and 5)

Please check your daily email! Many assignments are in the textbook that was given to you, though some will be watching videos, and some will be sent to you as an attachment. Show your work in the notebook the school gave you!

Day 1, March 30th – In the textbook, read pages 140 and 141 and complete problems 9, 12, 13, 23, and 26

Day 2, March 31st – In the textbook, read page 142 and complete problems 28, 31, 32, 37, and 40

Day 3, April 1st – Complete the completing the square and quadratic formula worksheet.

Day 4, April 2nd – Complete the quiz on completing the square and the quadratic formula.

Day 5, April 3rd – In the textbook, read page 158 and example 2 on page 159 and complete problems 3, 5, 8, 11, 13, and 15

Note: The worksheet and the quiz will be provided in the daily emails.

Algebra 1B (Period 7)

Please check your daily email! Some assignments are in the Keystone Coach book that was given to you, though some will be watching videos, and some will be sent to you as an attachment. Show your work in the notebook the school gave you!

Day 1, March 30th – Watch the YouTube video on graphing linear equations and complete the provided worksheet.

Day 2, March 31st – Watch the YouTube video on graphing linear inequalities and complete the provided worksheet.

Day 3, April 1st – Complete the provided worksheet on graphing linear inequalities

Day 4, April 2nd – Watch the YouTube video on graphing systems of linear inequalities and complete the provided worksheet.

Day 5, April 3rd – Complete the provided worksheet on graphing systems of linear inequalities

Note: The links to the YouTube videos, as well as the worksheets, will be provided in the daily emails.

Algebra 2 11-12 (Period 9)

Please check your daily email! The assignments will be sent to you as an attachment and will sometimes include watching videos. Show your work in the notebook the school gave you!

Day 1, March 30th – Watch the YouTube video on Graphing Functions in factored form and complete the provided worksheet.

Day 2, March 31st – Watch the YouTube video on Maximum/Minimums and Domain and Range and complete the provided worksheet.

Day 3, April 1st – Watch the YouTube video on Increasing/Decreasing and complete the provided worksheet.

Day 4, April 2nd – Watch the YouTube video on Writing Quadratic Equations when given a vertex and a point and complete the provided worksheet.

Day 5, April 3rd – Watch the YouTube video on Writing Quadratic Equations when given the x-intercepts and a point and complete the provided worksheet.

Note: The links to the YouTube videos, as well as the worksheets, will be provided in the daily emails.

STEAM (Period 8)

Please check your daily email! For this first week the assignments will be watching introductory videos and writing **short** summaries. Show your work in the notebook the school gave you!

Day 1, March 30th – Read the attached course outline (in the daily email) and then watch this introductory video <https://youtu.be/QvyTExlwyOY> . After watching the video, please write in your school notebook one thing you know about computers, and one question you have about computers.

Day 2, March 31st - Please watch the following 2 videos and then write a **short** 2 to 4 sentence summary. Please take a picture of your summaries and email them to me. Here are the 2 videos: https://youtu.be/OAx_6-wdslM and <https://youtu.be/mCq8-xTH7jA>

Day 3, April 1st - Please watch the following 2 videos and then write a **short** 2 to 4 sentence summary. Do not email your summaries to me today, I'll have you email the summaries for the rest of the week at one time this Friday. Here are the 2 videos: <https://youtu.be/USCBCmwMCDA> and <https://youtu.be/ZoqMiFKspAA>

Day 4, April 2nd - Please watch the following video and then write a **short** 2 to 4 sentence summary. Do not email your summaries to me today, I'll have you email the summaries for the rest of the week at one time this Friday. Here is today's video: <https://youtu.be/DKGZlaPIVLY>

Day 5, April 3rd - Please watch the following video and then write a **short** 2 to 4 sentence summary. Please email me your summaries from days 3, 4, and 5 today. Here is today's video: <https://youtu.be/xnyFYiK2rSY>

Note: The links to the videos will be provided in the daily emails so you do not have to type them in.