



Floyd County Public Schools Remote Learning Plan April 14 - May 22

Mr. Burgard - Geometry & AFDA

Hello students!

I miss seeing you every day and hope that you are staying safe and healthy during the health crisis. Below are some activities that can keep your mind sharp and allow you to practice what we've learned. Please reach out to me with any questions. You can email me at burgardj@floydschools.org and we can schedule a phone call or Google Meet if needed. I will be checking in with you for the remainder of the year by the weekly Check-in and feedback form on our Google Classroom. You can find updates and parent resources on our division website: www.floyd.k12.va.us/covid19. Let me know how I can help you!

~Mr. Burgard

For the next three weeks I have put together a partial list of core skills for high school math. I wanted to keep this simple and contained in one resource that you could use for a general review to reinforce and practice your skills. These skills would be useful in future math classes as well as entrance exams to college and the military. All of these skills come from a pdf.file that I have parked on each Google Classroom. The name of the file is "***are_You_Ready.pdf***" ***This file is posted on Google Classroom for each class.***

Each skill features helpful info, examples and practice. Each skill would take about 10 minutes but of course this could vary by student and by skill. Please work through each skill as scheduled and get feedback by checking your solutions which can be found at the end of the pdf. Email me if you need additional feedback and/or video tutorials on a particular skill. Feel free to try the enrichment challenges towards the end of the document. I would also encourage you to use IXL as a resource for reinforcement.

Week of April 14 - 17		
Monday	<i>Spring Break - No School</i> <i>*Skills 1 - 11 were assigned the previous week if you want to do them for practice</i>	
Tuesday	Skill 12 Ratios 35	(1.5 pts)
	Skill 13 Rates and Unit Rates 37	(1.5 pts)
	Skill 14 Fractions, Decimals & Percents 39	(1.5 pts)
Wednesday	Skill 21 Convert Units of Measure 53	(1.5 pts)
	Skill 22 Points, Lines, and Planes 55	(1.5 pts)

	Skill 23 Name and Classifying Angles 57	(1.5 pts)
	Skill 24 Measure Angles 59	(1.5 pts)
Thursday	Skill 25 Angle Relationships 61	(1.5 pts)
	Skill 26 Parallel Lines and Transversals 63	(1.5 pts)
	Skill 27 Identify Polygons 65	(1.5 pts)
	Skill 28 Angles in Polygons 67	(1.5 pts)
Friday	Skill 29 Classify Triangles 69	(1.5 pts)
	Skill 30 Triangle Sum Theorem 71	(1.5 pts)
	Skill 31 Pythagorean Theorem 73	

Week of April 20 - 24		
Monday	Skill 33 Congruent Figures 77	(1.5 pts)
	Skill 34 Identify Similar Figures 79	(1.5 pts)
	Skill 35 Find Missing Measures in Similar Figures 81	(1.5 pts)
Tuesday	Skill 36 Find Perimeter 83	(1.5 pts)
	Skill 37 Area of Polygons 85	(1.5 pts)
	Skill 38 Find Area in the Coordinate Plane 87	(1.5 pts)
Wednesday	Skill 39 Circumference & Area of Circles89	(1.5 pts)
	Skill 41 Surface Area 93	(1.5 pts)
	Skill 42 Volume 95	(1.5 pts)
Thursday	Skill 54 Absolute Value 119	(1.5 pts)
	Skill 55 Order of Operations 121	(1.5 pts)
	Skill 56 Distributive Property 123	(1.5 pts)

Friday	Skill 57 Combine Like Terms 125	(1.5 pts)
	Skill 58 Connect Words and Algebra 127	(1.5 pts)
	Skill 59 Properties of Exponents 129	(1.5 pts)

Week of April 27 - May 1		
Monday	Skill 60 Evaluate Expressions 131	(1.5 pts)
	Skill 61 Multiply and Divide Monomials 133	(1.5 pts)
Tuesday	Skill 62 Multiply Monomials & Polynomials 135	(1.5 pts)
	Skill 63 Simplify Polynomials Expressions 137	(1.5 pts)
Wednesday	Skill 64 Multiply Binomials 139	(1.5 pts)
	Skill 65 Special Products of Binomials 141	(1.5 pts)
Thursday	Skill 66 Factor GFC from Polynomials 143	(1.5 pts)
	Skill 67 Factor Trinomials 145	(1.5 pts)
Friday	Skill 69 Solve Multi-Step Equations 149	(1.5 pts)
	Skill 70 Solve Equations w/Variables on Both Sides ... 151	(1.5 pts)

Week of May 4 - May 8		
Monday	Skill 71 Solve Equations with Fractions 153	(1.5 pts)
	Skill 72 Solve for a Variable 155	(1.5 pts)
Tuesday	Skill 73 Distance and Midpoint Formulas 157	(1.5 pts)
	Skill 74 Solve and Graph Inequalities 159	(1.5 pts)

Wednesday	Skill 75 Graph Linear Functions 161 (1.5 pts)
	Skill 76 Slopes of Parallel and Perpendicular Lines... 163 (1.5 pts)
Thursday	Skill 77 Solve Proportions 165 (1.5 pts)
	Skill 78 Function Tables 167 (1.5 pts)
Friday	Skill 79 Ordered Pairs 169 (1.5 pts)
	Skill 80 Graph Functions 171 (1.5 pts)

Week of May 11 - May 15	
Monday	Skill 81 Solve Quadratic Equations 173 (1.5 pts)
	Skill 82 Complete the Square 175 (1.5 pts)
Tuesday	Skill 83 Tables and Charts 177 (1.5 pts)
	Skill 84 Find Measures of Central Tendency 179 (1.5 pts)
Wednesday	Skill 85 Circle Graphs 181 (1.5 pts)
	Skill 86 Line Graphs 183 (1.5 pts)
Thursday	Enrichment Chapter 1.....195 (2.5 pts)
Friday	Enrichment Chapter 5.....199 (2.5 pts)

Week of May 18 - May 22	
Monday	Enrichment Chapter 8.....202 (2.5 pts)
Tuesday	Enrichment Chapter 9.....203 (2.5 pts)
Wednesday	Enrichment Chapter 10.....204 (2.5 pts)
Thursday	Enrichment Chapter 11.....205 (2.5 pts)

Friday	Enrichment Chapter 12.....206	(2.5 pts)
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These activities total to 100 points and would equate to 100% according to the option put out by FCPS to improve student grades as described below.

Option II

- Students can improve their final grade by completing assignments shared by teachers. These opportunities will be provided by teachers beginning April 13. Students must complete and submit all assignments as assigned by their teachers, by Friday, May 22, at 4 p.m.
- Participation in the grade improvement plan can only improve a student's grade. Student grades will not decrease based on work completed as part of the optional recovery plan. *

Student completes 80-100% of assignments to expectations.	10 points added to final grade
Student completes 70-80% of assignments to expectations.	8-9 points added to final grade
Student completes 50-70% of assignments to expectations.	6-7 points added to final grade
Student completes 25-50% of assignments to expectations.	4-5 points added to final grade
Student completes 1-25% of assignments to expectations.	2-3 points added to final grade

**Students will not exceed 100% for a final grade.*