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|  |  **Algebra For the College Bound** |
| **January****2017** |  |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| **1** | **2** | **3** | **4****prof Dev.** | **5** **Classic Resume****5.1 Inverse Functions****pg.326 3-15(\*3)16,18-45(\*3)49-53 odd, 56,57,61,63** | **6** **5.1 cont’d****pg.32868,71,74,77,81-126(\*3)** | **7** |
| **8** | **9** **5.2 Exponential functions pg.339 1-19odd,27-81(\*3)** | **10**  **5.2 cont’d** | **11**  **5.3 Logarithms pg.349 1,2,3-99(\*3)108** | **12** | **13** **5.4 Logarithmic Functions pg.358 1-9odd,12-30(\*3) 31-39,42,47a,50a,53b,54b,57,61a,66** | **14** |
| **15** | **16** **No School MLK Day** | **17** **Review 5.1-5.2** | **18** **Review 5.1-5.2****pg.326 2,5,8,11,16,17, 22,27,29,30,33, 38,41,45,55,64, 77,84** | **19****pg.339 1,5,8,11,13,29,34,48,49,53,55,61,71,76** | **20****Review 5.3-5.4 pg.349 4,7,11,17,23, 29,31,37,43, 55,71,79,85, 95 pg.351 1,2,7 pg.358 5,11,13,22,23, 28,29,39,48, 49,55,61b,65** | **21** |
| **22** | **23****Review Logs Due** | **24****Quiz 5.1-5.4** | **25****5.5 Exponential Logarithms and Ineq****pg. 366 1-7odd, 9-109eoo** | **26** | **27****5.5 cont’d** | **28** |
|  | **February****2017** |  |  |  |  |  |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| **29** | **30****5.6 Further Application and modeling pg.375 1,5,8,9,13,15,17, 21-37odd,43,47, 49** | **31****5.6 Cont’d** | **1****Review** **pg.369 1-10****pg.366 4-112(\*4)****pg.375 3,7,11,19,22,30, 39,41** | **2** | **3****Review** | **4** |
| **5** | **6****Review Domains, Equations composition pg.382 3-69(\*3)** | **7****Review Logs due** | **8****Review** | **9** | **10****Test Ch.5** | **11** |
| **12** | **13****6.1 Parabolas pg.401 1-8, 57-64,69-114(\*3)****6.1 Circles pg.401 9-54(\*3)** | **14****6.1 applications pg.404 118,119, 122-124** | **15****6.2 Ellipses pg.414 11-45odd****Constructing Ellipses** | **16** | **17****no school conferences**  | **18** |
| **19** | **20****6.2 hyperbolas pg.413 1-8, 47-83odd, 91-99odd** | **21****6.3 Summary of Conics pg.423 2-34even, 41, 43, 49,53,59-62,65** | **22****6.3 Summary****notecars/flipbook** | **23** | **24****Review pg.414 12,18,24,32,40, 46,48,60,64****Pg.617 1-10** | **25** |
|  | **March****2017** |  |  |  |  |  |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  **26** | **27****Ellipse**Pg 414 23-45 odd | **28****Ellipse**Wks Completing the square | **1 Hyperbola**wkspg. 415 – 59-83 odd | **2** | **3****Hyperbola**Wks Completing the Square | **4** |
| **5** | **6****Identifying Conics** wks | **7****Review Conics**   | **8** **TEST Conics****7.1 Systems of Equations**pg. 445 – 1-17 odd, 29-33 odd, 37, 61, 62 | **9** | **10****NO SCHOOL** | **11** |
| **12** | **13****7.1 System Of Equations (nonlinear)**#71-75 odd, 81, 85-91 odd, 101 | **14****7.2 Solution of Systems in 3 Variables**pg. 454 – 5-11 odd, 25, 27, 33, 37 | **15****7.2 Cont’d**Triple Word Problems wks | **16** | **17****NO SCHOOL** | **18** |
| **19** | **20****SPRING BREAK****20-24** | **21** | **22** | **23** | **24** | **25** |
| **26** | **27****7.7 System of Ineq.**PG. 509 – 1-13EOO, 15, 31, 35, 43-47 odd, 51 | **28****7.7 Cont’d** | **29****Review 7.1-7.2, 7.7** | **30** | **31****TEST**7.1-7.2, 7.7 | **1** |
| **April 2017** |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| **2** | **3****7.3 Solutions by Row Transformations**pg. 465# 11-21 odd, 33-45 EOO, 65 | **4****7.3 Cont’d** | **5****7.4 Matrix Properties & Operations**pg. 478# 11, 13, 19-51 EOO, 53, 61, 69, 73, 79 | **6** | **7****Quiz 7.3-7.4****(Short quiz concept check)** | **8** |
| **9** | **10****7.5 Determinants****(2X2 only)**pg. 489# 5, 7, 27, 29 | **11****7.6 Solutions of Linear Systems (2X2 only)**pg. 498# 1, 3, 9, 13, 25, 35, 37, 55 | **12****Review**Pg. 522# 1-9 odd, 15, 19, 25, 29, 31, 35, 39, 41, 47, 55, 59, 73 | **13** | **14****Test 7.3-7.6** | **15** |
| **16** | **17****8.1 Sequence and Series**pg. 535# 5-45 EOO, 55-63 EOO, 65 | **18****8.1 Cont’d** | **19****8.2 Arithmetic Sequence & Series**pg. 542# 3-27 odd (skip 15, 23), 31, 37-61 EOO, 63 | **20** | **21****NO SCHOOL** **Inclement Weather Day** | **22** |
| **23** | **24****8.3 Geometric Sequence & Series**pg. 551# 1-11 odd, 17-25 EOO, 27-43 EOO, 49-61 EOO, 67, 69 | **25****Review**Pg. 589# 1-35 odd | **26****Review** | **27** | **28****Quiz 8.1-8.3** | **29** |
| **May 2017** |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| **30** | **1****8.4 Counting Theory**pg. 560# 5-33 EOO, 23, 35, 41, 48, 52, 58, 70 | **2****8.4 Cont’d** | **3****8.5 Binomial Theorem**pg. 568# 1-29 EOO, 15, 27, 39, 43 | **4** | **5****Senior Skip Day** | **6** |
| **7** | **8****8.7 Probability**pg. 582# 3-13 odd, 17-27 odd, 31-36 all | **9****8.7 Cont’d** | **10****Review**Pg.589 #1-37 EOO, 39-51 odd, 59-75 odd | **11** | **12****Test Ch. 8** | **13** |
| **14** | **15****Final Review** | **16****Final Review** | **17****Senior Finals** | **18****Senior Finals** | **19** | **20** |
| **21** | **22** | **23****LHS Graduation** | **24** | **25** | **26** | **27** |