

# SCARSDALE HIGH SCHOOL PROGRAM

GRADE 2019-2020

NAME KUMARESAN, MICHAEL

Office Hours  
7:30-8 am

Office Hours  
7:30-8 am

| Monday                                  | Room   | Tuesday                            | Room   | Wednesday                               | Room   | Thursday                           | Room   | Friday                                   | Room   |
|---|--------|------------------------------------|--------|---|--------|------------------------------------|--------|--|--------|
| <b>433-1</b><br>1<br>8:00 – 8:50        | Rm 251 | 1<br>8:00 - 8:50                   |        | 1<br>8:00-8:50                          |        | <b>433-4</b><br>1<br>8:00-8:50     | Rm 256 | 1<br>8:00 - 8:50                         |        |
| 2<br>8:55 – 9:45                        |        | <b>433-1</b><br>2<br>8:55 – 9:45   | Rm 251 | <b>433-4</b><br>2<br>8:55 – 9:45        | Rm 256 | 2<br>8:55 – 9:45                   |        | <b>433-1</b><br>2<br>8:55 – 9:45         | Rm 251 |
| COMMON<br>TUTORIAL<br>9:50 - 9:55       |        | HOMEROOM<br>9:50 - 9:55            |        | COMMON<br>TUTORIAL<br>9:50 - 9:55       |        | HOMEROOM<br>9:50 - 9:55            |        | COMMON<br>TUTORIAL<br>9:50 - 9:55        |        |
| <b>912-1</b><br>3<br>10:00 – 10:50      | D-LAB  | 3<br>10:00 – 10:50                 |        | <b>433-1</b><br>3<br>10:00 – 10:50      | Rm 251 | <b>912-1</b><br>3<br>10:00 – 10:50 | D-LAB  | <b>433-4</b><br>3<br>10:00 – 10:50       | Rm 256 |
| 4<br>10:55 – 11:45                      |        | <b>433-4</b><br>4<br>10:55 – 11:45 | Rm 256 | <b>912-2</b><br>4<br>10:55 – 11:45      | D-LAB  | <b>912-2</b><br>4<br>10:55 – 11:45 | D-LAB  | MTG<br>4<br>10:55 – 11:45                |        |
| 5<br>11:50 – 1:10                       |        | <b>454-2</b><br>5<br>11:50 – 1:10  | Rm 256 | <b>454-3</b><br>5<br>11:50 – 1:10       | Rm 256 | <b>454-3</b><br>5<br>11:50 – 1:10  | Rm 256 | <b>Office Hours</b><br>5<br>11:50 – 1:10 |        |
| <b>454-2</b><br>6<br>1:15 – 2:05        | Rm 256 | <b>454-3</b><br>6<br>1:15 – 2:05   | Rm 256 | <b>454-2</b><br>6<br>1:15 – 2:05        | Rm 256 | <b>454-2</b><br>6<br>1:15 – 2:05   | Rm 256 | <b>454-3</b><br>6<br>1:15 – 2:05         | Rm 256 |
| <b>Office Hours</b><br>7<br>2:10 – 3:00 |        | 7<br>2:10 – 3:00                   |        | <b>Office Hours</b><br>7<br>2:10 – 3:00 |        | <b>454-2</b><br>7<br>2:10 – 3:00   | Rm 256 | 7<br>2:10 – 3:00                         |        |

| SUBJECT  | MONDAY   | TUESDAY  | WEDNESDAY  | Sept 11<br>Date |
|----------|--|--|--|-----------------|
| 1 Period | <p>Lesson 3 - Absolute Value</p> <p>L12 #3: Read &gt; p.73-77; B: p.10-12</p> <p>f p.75 - #9, 11, 13, 15, 23, 25, 27</p> <p>p.53 - #9, 14</p> <p>[correct]</p> | <p>lesson 3A - Abs. Value Practice</p> <p>Go over HW</p> <p>HW: Study for Quiz</p>   | <p>Quiz #1</p> <p>Lesson 4 - Exponents &amp; Polynomials</p> <p>HW4 - Read: D: 167-174<br/>B: 13-15</p> <p>D. p.170 - #7, 15, 23; p.173-#9, 15, 23, 25</p> <p>p.175-6: # 1, 7, 11, 19, 23, 27, 47</p>      |                 |
| 2 Period | <p>Lesson 2 - Eng. Design Process</p> <p>HW #2 reflection</p>  |  | <p>Quiz #1</p> <p>Lesson 4 - Exponents &amp; Polynomials</p> <p>HW 4: Read: D: 167-174; B: 13-15</p> <p>D. p. 170 - #7, 15, 23<br/>p. 173 - #9, 15, 23, 25</p> <p>p. 175-6: # 1, 7, 11, 19, 23, 27, 47</p> |                 |
| 3 Period |  | <p>lesson 3A - Abs. Value Practice</p> <p>Go over HW</p> <p>HW: Study for Quiz</p>   | <p>Aero Challenge</p>  |                 |
| 4 Period |  | <p>Finish Lesson 4</p> <p>HW Review</p> <p>Start Lesson 5 - New Functions</p> <p>HW: Study for Quiz</p>  | <p>Quiz #1</p> <p>Finish Lesson 5</p> <p>HW #5: Read Anton p.15-24</p> <p>D. 24: #5, 11, 17, 29, 33, 35, 41, 61, 63</p>  |                 |
| 5 Period | <p>Lesson 4 - Trig / Log</p> <p>[Collect HW #3]</p> <p>HW #4: Read Anton App. B + p.2-60</p> <p>D. A23-A25: #12, 16, 18, 20, 23<br/>45, 48</p>                 | <ul style="list-style-type: none"> <li>Finish lesson 4</li> <li>HW Review</li> <li>Start lesson 5 - New Functions</li> <li>HW: Study for Quiz</li> </ul> | <p>Quiz #1</p> <p>Finish Lesson 5</p> <p>HW #5: Read Anton p.15-24</p> <p>D. 24: #5, 11, 17, 29, 33, 35, 41, 61, 63</p>  |                 |
| 6 Period | <p>p. 61-62: # 1, 5, 11, 23, 30</p>  |  |  |                 |
| 7 Period |  |  |  |                 |

**THURSDAY**

Sept 12

Date

**Lesson 5 - Factoring I**HW Read D. p. 183-185

p. 186: # 7, 11, 21, 23, 26, 30, 42, 51, 54

p. 192: 53

B. p. 25: 6, 10

Sept 13

Date

**FRIDAY****Lesson 5 - Factoring I**HW Read D. p. 183-185

D. p. 186: # 7, 11, 21, 23, 26, 30, 42, 50, 54

p. 192: 53

B. p. 25: 6, 10

**Aero Challenge****Lesson 6 - Factoring II**HW Read Delciani p. 188-190

Dole p. 196- # 34, 38, 43, 53

p. 186: # 19, 18, 29, 29, 40, 52

**Aero Challenge****Lesson 6 - Inverse Functions**HW Read A. p. 38-48

p. 49-51: # 3(a), (c), (d), 13, 15

27, 41

**Lesson 7 - Limits**HW 7: Read Anton p. 62-72

p. 72-78: # 5, 7, 17, 19, 31

p. 87-88: # 1, 3, 13, 27, 29, 37, 41

**Lesson 6 - Inverse Functions**HW 6: Read A. p. 38-48

p. 49-51: # 3(a), (c), 13, 15, 27, 41

| SUBJECT  | MONDAY   | Sept 16<br>Date  | TUESDAY  | Sept 17<br>Date                     | WEDNESDAY                              | Sept 18<br>Date |
|----------|--|--|--|-------------------------------------|--|-----------------|
| 1 Period | Lesson 6 - Factoring II  |  |  |                                     |  |                 |
|          | HW#5: Read D p. 188-190<br>D. p. 176 - # 36, 38, 43, 53<br>p. 186 - # 17, 18, 27, 29, 40, 52   |  |  |                                     |  |                 |
| 2 Period |  | Lesson 7 - Polynomial Eqs  |  | Lesson 8 - Word Problems            |  |                 |
|          |  | Hw: D (u): p. 196-197: 11, 13, 21, 23<br>29, 35, 37<br>D. 199-201: 1, 3, 5, 11 |  | Hw#8 - Sheet                        |  |                 |
| 3 Period | Aero challenge   |  |  | Review Day                          |  |                 |
| 4 Period |  | Lesson 7 - Polynomial Eqs  |  | Aero Challenge Test                 |  |                 |
|          |  | Hw: D. p. 196-197: 11, 13, 21, 23, 29<br>35, 37<br>p. 199-200: 1, 3, 5, 11     |  |                                     |  |                 |
| 5 Period |  | Lesson 7 - Limits  |  | Lesson 8 - Fin. Limits              |  |                 |
|          |  | Hw: Anton p. 77-82: 5, 7, 17, 19, 21<br>31.<br>p. 87-88: 1, 7, 13, 29, 39, 41  |  | Hw#8: Anton p. 126 - 23, 27, 33, 39 |  |                 |
| 6 Period | Lesson 7 - Limits  |  | Lesson 7 - Limits  |                                     | Lesson 8 - Trig Limits                 |                 |
|          | Hw#7 Read A - p. 67-72<br>p. 77-78: # 5, 7, 12, 19, 31<br>p. 87-88: # 1, 7, 13, 27, 29, 37, 41 |  | Hw#7: p. 77-78: 5, 7, 19, 19, 21<br>p. 87-88: 1, 2, 13, 27, 29, 37, 41 |                                     | Hw - Anton p. 126 - # 23, 27<br>33, 39 |                 |
| 7 Period |  |  |  |                                     |  |                 |
| 8 Period |  |  |  |                                     |  |                 |

**THURSDAY**

Sept 19  
Date

Review Day

**FRIDAY**

Sept 20  
Date

Test 1

Pen challenge Test

Test 1

Review Eng Start  
Newton's Laws

Lesson 9 - Limit at Infinity

Homework - Anton p. 97 - # 13, 15, 20  
23, 25, 33, 37, 47

Review Day

Lesson 9 - Limit at Infinity

Homework - p. 97 - # 13, 15, 20  
23, 25, 33, 37, 47

| SUBJECT  | MONDAY  | TUESDAY   | WEDNESDAY  | Sept 25<br>Date |
|----------|---|---|--|-----------------|
| 1 Period | Lesson 8 - Word Problems<br><br>HW #8 - Sheet                 | Lesson 9 - Poly. Inequalities<br><br>HW #9: D p. 204-5: 3, 9, 15, 21, 27<br>D p. 201 - # 25, 29 | Lesson 10 - Rational Expressions<br><br>HW #10 - D p. 213-214 - # 3-30<br># 215 - Mixed Dev<br># 2, 3, 8, 11 |                 |
| 2 Period | Reverse Eng. Start<br>Newton's Laws<br>Conservation of Energy |   | Lesson 10 - Rational Exp.<br><br>HW #10: D. p 213-214 - # 3-30<br># 215 - Mixed Dev - # 2, 3, 8, 11          |                 |
| 3 Period |   | Lesson 9 - Poly. Inequalities<br><br>HW #9: D p. 204-5: 3, 9, 15, 21, 27<br>P. 201 - 25, 29     | Force + Conservation of Energy<br><br>Review   |                 |
| 4 Period |   | Review Day  | Test #1  |                 |
| 5 Period | Review Day  | Review Day  | Test #1  |                 |
| 6 Period |   |   |  |                 |
| 7 Period |   |   |  |                 |

**THURSDAY**

Sept 26

Date

**FRIDAY**

Sept 27

Date

lesson 11 - Zero & Negative Exp

hw 11 - Deliani (u) - p. 219- # 17,  
# 18-48, every 3rd  
p. 229 - # 5, 10, 15, 20, 31

lesson 11 - zero & negative  
Exponents

hw 11 - Deliani (u) - p. 219- # 17,  
# 18-48, every 3rd  
p. 229 - # 5, 10, 15, 20, 31

- Aero Review

- Reverse Eng.

- Wright Brothers Hw

lesson 12 - Partial Derivatives

hw 12 - Pd 1(u) p. 229 - # 5, 10, 30, 31  
B. p. 41 - # 15  
B. p. 20 : Challenge # 1, 2  
B. 20 Math Excursion : # 3, 6, 8

- Aero Review

- Reverse

- Wright Brothers Hw

lesson 10 - Continuity

hw - p. 118 - # 1-4(a), (b),  
7, 11, 15, 21, 29, 35, 42

lesson 11 - Avg Rate of change  
+ Finish Continuity

lesson 10 - Continuity

hw - p. 118 - # 1-4(a), (b),  
7, 11, 15, 21, 29, 35, 42