

# 8th Grade Course Selection Worksheet: NEW STUDENT

## 2022-2023

STUDENT NAME: \_\_\_\_\_

Please read the following very carefully. Students will choose a total of 16 units. As you will see, academic cores courses equal **8 units**. STEM core courses equal **2 or 3 units (depending on chosen Engineering class)**. Students need to **choose 5 or 6 units of electives (depending Engineering selection)**. All middle school students will take 2 units of Study Hall (full-year). Pay close attention as some electives are 1 unit, while others are 2 units. View the Academic Planning Guide for 2022-2023 on [www.stemk12.org](http://www.stemk12.org) for more information. Recommendations from current teachers and families are considered for Accelerated classes.

### REQUIRED ACADEMIC CORE CLASSES

**Language Arts:** Full Year Course

Please choose ONE. **Please note: Accelerated courses require teacher recommendation.**

|  |           |  |
|--|-----------|--|
| _____ Language Arts 8: Semester 1<br><b>Course #: STEMMS018S1</b><br>_____ Language Arts 8: Semester 2<br><b>Course #: STEMMS018S2</b> | <b>OR</b> | _____ Language Arts 8 <b>Accelerated</b> : Semester 1<br><b>Course #: STEMMS018HS1</b><br>_____ Language Arts 8 <b>Accelerated</b> : Semester 2<br><b>Course #: STEMMS018HS2</b> |
|--|-----------|--|

**2 units**

**Social Studies:** Full Year Course

Please choose ONE. **Please note: Accelerated courses require teacher recommendation.**

|   |           |  |
|---|-----------|--|
| _____ Social Studies 8: Semester 1<br><b>Course #:STEMMS048S1</b><br>_____ Social Studies 8: Semester 2<br><b>Course #: STEMMS048S2</b> | <b>OR</b> | _____ Social Studies 8 <b>Accelerated</b> : Semester 1<br><b>Course #: STEMMS048HS1</b><br>_____ Social Studies 8 <b>Accelerated</b> : Semester 2<br><b>Course #: STEMMS048HS2</b> |
|---|-----------|--|

**2 units**

**Science:** Full Year Course

Please choose ONE. **Please note: Accelerated courses require teacher recommendation.**

|  |           |   |
|--|-----------|---|
| _____ Science 8: Semester 1<br><b>Course #: STEMMS038S1</b><br>_____ Science 8: Semester 2<br><b>Course #: STEMMS038S2</b> | <b>OR</b> | _____ Science 8 <b>Accelerated</b> : Semester 1<br><b>Course #:STEMMS038HS1</b><br>_____ Science 8 <b>Accelerated</b> : Semester 2<br><b>Course #: STEMMS038HS2</b> |
|--|-----------|---|

**2 units**

**Math:** Full Year Course; **\*PLACEMENT DEPENDENT ON STAR SCORE\***

|  |
|--|
| <u>Math course sequence:</u><br><br>Course I→Course II→Pre-Algebra→Algebra I→Geometry→Algebra II |
|--|

**2 units**

**Total Academic Core Units: 8**

### REQUIRED STEM CORE CLASSES

**Computer Science: 1 Semester /1 unit \*CHOOSE ONE\***

|  |           |  |
|--|-----------|--|
| _____ MS Pi's & Python<br><b>Course #: STEMMS012</b> | <b>OR</b> | _____ MS Networking & Cybersecurity<br><b>Course #:STEMMS109</b> |
|--|-----------|--|

**Engineering: 1 semester/1 unit OR Full year/2 units (TSA) \*CHOOSE ONE\***

|   |           |  |           |  |
|---|-----------|--|-----------|--|
| _____ Engineering 8<br>Course #: <b>STEMMS218</b> | <b>OR</b> | _____ MS Robotics<br>Course #: <b>STEMMS219</b><br><br>_____ Advanced Middle School Robotics:<br>1 semester/1 unit<br>Course #: <b>STEMMS2111</b><br>*Prerequisite: Middle School Robotics | <b>OR</b> | _____ TSA: <u>FULL YEAR/2 units</u><br>Course #: <b>STEMMS2110</b> |
|---|-----------|--|-----------|--|

**Total STEM Core Units: 2 or 3**

**ELECTIVES**

Students will choose 3 or 4 units of electives (depending on Engineering selection).

Total units of electives will equal 5 or 6, including 2 units of Study Hall, which are pre-selected.

**Foreign Language: Full Year Course**

|  |  |
|--|--|
| _____ MS Spanish IB: Semester 1<br>Course #: <b>STEMMS067SS1</b><br><br>_____ MS Spanish IB: Semester 2<br>Course #: <b>STEMMS067SS2</b> | _____ MS French IB: Semester 1<br>Course #: <b>STEMMS067FS1</b><br><br>_____ MS French IB: Semester 2<br>Course #: <b>STEMMS067FS2</b> |
|--|--|

**2 units**

|   |   |
|---|---|
| _____ HS Spanish II A: Semester 1<br>Course #: <b>STEMHS0610CS1</b><br><br>_____ HS Spanish II A: Semester 2<br>Course #: <b>STEMHS0610CS2</b><br><br>*Prerequisite Spanish 1A and 1B | _____ HS French II A: Semester 1<br>Course #: <b>STEMHS0610FS1</b><br><br>_____ HS French II A: Semester 2<br>Course #: <b>STEMHS0610FS2</b><br><br>*Prerequisite Spanish 1A and 1B |
|---|---|

**2 units**

**Middle School Music**

|   |  |
|---|--|
| <p><b><u>1 semester/1 unit each</u></b></p> _____ MS Music Fundamentals:<br>Course #: <b>STEMMS0513</b><br><br>_____ MS Music Production<br>Course #: <b>STEMMS0514</b> | <p><b><u>Full year/2 units</u></b></p> _____ MS Beginning Band<br>Course #: <b>STEMMS0521</b><br><br>_____ MS Intermediate Concert Ensemble:<br>Course #: <b>STEMMS0522</b><br><br>_____ MS Choir<br>Course #: <b>STEMMS0515</b> |
|---|--|

**Other Electives**

|   |   |
|---|---|
| <p><b><u>1 semester/1 unit each</u></b></p> <p>____ MS Theater I:<br/>Course #: <b>STEMMS226</b></p> <p>____ MS Theater II:<br/>Course #: <b>STEMMS229</b><br/><b>*2nd Semester Only</b></p> <p>____ MS Theater Performance<br/>Course #: <b>STEMMS230</b><br/><b>*2nd Semester Only</b></p> <p>____ Art 8<br/>Course #: <b>STEMMS058</b></p> <p>____ Math Explorations and Problem Solving:<br/><b>(student must be in Pre-Algebra or higher level math course)</b><br/>Course #: <b>STEMMS0213</b></p> <p>____ Scientific Methods:<br/>Course #: <b>STEMMS0313</b></p> <p>____ MS Psychology:<br/>Course #: <b>STEMMS041</b></p> <p>____ Real World Economics:<br/>Course #: <b>STEMMS049</b></p> | <p><b><u>1 semester/1 unit each</u></b></p> <p>____ Sources of Strength:<br/>Course #: <b>STEMMS22107</b></p> <p>____ MS PE:<br/>Course #: <b>STEMMS087</b></p> <p>____ 6 MS Health<br/>Course #: <b>STEMMS088</b></p> <p><b>X</b> MS Study Hall: Semester 1:<br/>Course #: <b>STEMMS221S1</b></p> <p><b>X</b> MS Study Hall: Semester 2:<br/>Course #: <b>STEMMS221S2</b></p> <p><b><u>Full year/2 units (HS Level Course)</u></b></p> <p>____ Biology Semester 1<br/>Course #: <b>STEMHS039S1</b></p> <p>____ Biology Semester 2<br/>Course #: <b>STEMHS039S2</b></p> |
|---|---|

**Total Elective Units: \_\_\_\_\_ (will equal 5 or 6, depending on Engineering course chosen; Study Hall equals 2 of these units)**

|                                 |                         |
|---------------------------------|-------------------------|
| <b>Academic Core Courses:</b>   | <b>8 units</b>          |
| <b>STEM Core Courses:</b>       | <b>2/3 units</b>        |
| <b><u>Elective Courses:</u></b> | <b><u>5/6 units</u></b> |
| <b>Total:</b>                   | <b>16 units</b>         |

**ALTERNATE COURSES:** Please list 3 alternate ELECTIVE courses, in the event we are unable to accommodate choices indicated above.

1. Course Name: \_\_\_\_\_ Course #: \_\_\_\_\_
2. Course Name: \_\_\_\_\_ Course #: \_\_\_\_\_
3. Course Name: \_\_\_\_\_ Course #: \_\_\_\_\_

**STUDENT SIGNATURE:** \_\_\_\_\_

**PARENT SIGNATURE:** \_\_\_\_\_