

$>4$ Science credits required for any endorsement
$>9^{\text {th }}$ - Biology (On-level, K , or H)
$>10^{\text {th }}-$ IPC, Chemistry, or Physic $S_{\text {(or AP Physics I if Algebra II }}$ completed in $9^{\text {th }}$ grade)
$>$ An additional science course (see page 4)
> +1 additional advanced science course

* All STEM end orsements - must ta ke Biology, Chemistry, \& Physics (or AP Physics I)
* Multidisciplinary Studies - Option 1-4×4-must have Biology + Chemistry and/or Physics (or AP Physic sl)


# ght $^{\text {th }}$ Grade 

All students must take Biology
Choose level:
oOn-level
oK

- H



## 10th Grade

Choose from the following:

- IPC (On-level)
- Chemistry (On-level, K, or H)

- Physics (On-level, K, or H) or AP Physics I (must have completed Algebra III in 9 $^{\text {th }}$ grade)

Note: Students who do not take Chemistry may meet the high school graduation requirements but this does not position them for career and college readiness.


## Check your work!



Example 1 - STEM, Option 2 - Engineering

| Period $\mathbf{s}$ | High School Credits Eamed in Middle School | gin crade | $10^{3 n}$ Grade | $\mathbf{1 1}^{\text {tin }}$ Grade | $12^{\text {in }}$ Grade |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | English I K | English II K | English III AP | English IV AP |
| 2 | Algebra I | Math: Geometry K | Math: Algebra IIK | Math: <br> PrecalculusK | Math: Calculus AB AP |
| 3 |  | Biology K | Science: <br> Chemistry K | Science: AP Physics I | Science: Eng. Design \& Problem Solving K |

Example 2 - Business \& Industry, Option 1: Ag, Food, \& Natural Resources

| Period $\mathrm{s}$ | High School Credit Eamed in Middle School | gin crade | $10^{\text {in }}$ Grade | $110^{\text {in }}$ Grade | $12^{\text {th }}$ Grade |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | English I | Eng lish II | English III | English IV |
| 2 |  | Math: Algebra I | Math: Geometry | Math: Algebra II | Math: Adv. Algebra |
| 3 |  | Biology | Science: Chemistry | Science: Aquatic Science | Science: Adv. Animal Science K |

Example 3 - Multidisciplinary Studies, Option 1 - Four by Four (4 X 4)

| $\begin{aligned} & \text { Period } \\ & \mathrm{s} \end{aligned}$ | High School Credit Eamed in Middle School | ght | $10^{\text {min }}$ Grade | 114 ${ }^{\text {Grade }}$ | $\mathbf{1 2}^{\text {n }}$ Grade |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | Eng lish I K | English II K | English III K | English IV K |
| 2 |  | Math: Algebra I | Math: Geometry | Math: Algebraic Reasoning | Math: Algebra II |
| 3 |  | Biology | Science: Chemistry | Science: Aquatic Science | Science: Astronomy |

