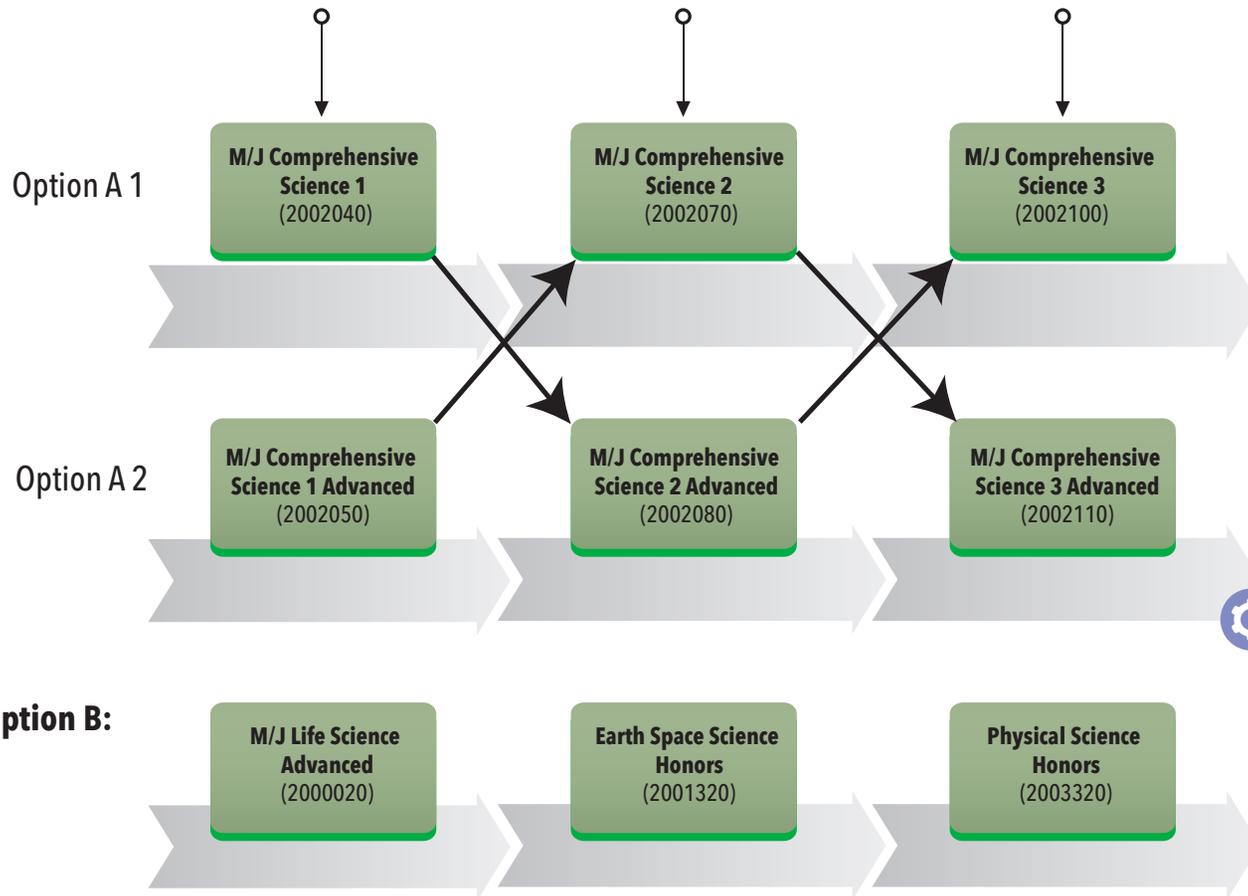


2021-2022 Middle School Science Course Progression

Option A:



KEY

Indicates that content gaps are not created along this pathway *if the courses are taught based on the course description/expectations.*

Indicates that students transitioning from Option A 1 to Option A 2 and vice versa will not experience gaps in content.



Recommendations:

- Students who have earned a combination of 4's and 5's on 5th grade assessments in ELA, Science, and Mathematics should be placed in Option B.
- Students who have earned a combination of 3's, 4's, and 5's on 5th grade assessments in ELA, Science, and Mathematics should be considered for placement in option B, but scale scores and student grades should be taken into consideration.
- Students who have earned all 3's on 5th grade assessments in ELA, Science, and Mathematics could be considered for placement in option B, but they may require additional supports. Scale scores, student grades, and available systems of additional support must be taken into consideration.
 - These students could also be scheduled into Option A 2, and may not need an additional support system.
- Students who have earned a combination of 2's and 3's on 5th grade assessments in ELA, Science, and Mathematics could be considered for placement in Option A 2, but they may require additional supports. Scale scores, student grades, and available systems of additional support must be taken into consideration.
- Students who have earned all 2's or 1's on 5th grade assessments in ELA, Science, and Mathematics should be placed in Option A 1.



Implications:

- If a student moves from Option B to Option A in the transition between their 6th and 7th grade year they will miss:
 - All 6th Grade Physical and Earth Space Science Standards
- If a student moves from Option B to Option A in the transition between their 7th and 8th grade year they will miss:
 - All 6th and 7th Grade Physical Science Standards and 7th Grade Nature of Science Standards
- If a student moves from Option A to Option B in the transition between their 6th and 7th grade year they will miss:
 - All 7th and 8th grade Life Science Standards
- If a student moves from Option A to Option B in the transition between their 7th and 8th grade year they will miss:
 - All 8th Grade Life Science and Earth Space Science Standards
- Students following Option B are not exposed to any middle school Earth Space and Physical Science standards because they are receiving instruction in similar standards from the 9-12 grade band. Schools must work with teachers to ensure that students in these courses are being exposed to instruction in the prerequisite/correlated middle school standards.

Students are not confined to these suggestions. Placement should provide equal access to rigorous coursework and opportunity for student success. Please note that student experiences will vary and students should be guided into coursework that supports academic success and preparation for post-secondary goals. Placement should be reassessed each year with consideration given to course performance and FSA results.