D86 Science Program

D86 Science Program -- Implemented Fall 2020

9th Grade	Physics or Physics Honors
10th Grade	Chemistry or Chemistry Honors
11th Grade	Biology or AP Biology
12th Grade	AP Biology, AP Chemistry, AP Environmental Science, AP Physics C-M, AP Physics C, Anatomy & Physiology, Earth Science Capstone

Physics, Chemistry and Biology have Earth Science standards integrated where appropriate. “Physics in the Universe”, “Chemistry of Earth Systems” and “Biology of the Living Earth” were names used to distinguish from the prior courses that did not include ESS standards.

D86 BOE direction -- Summer 2021

9th Grade	Physics or Physics Honors or AP Physics 1	Biology or Biology Honors
10th Grade	Chemistry or Chemistry Honors	
11th Grade	Biology or Honors Biology or AP Biology	Earth Science or AP Physics 1*
12th Grade	AP, Elective and Capstone Courses	

Physics, Chemistry and Biology have Earth Science standards integrated where appropriate.
*Could offer Physics Honors or Physics as well for 11th grade

D86 Science Program Team

Updated and Reconvened
2021-2022

Marv Breig	Central	AP Physics
David Bonner	South	Physics Honors, AP Physics
Randy Brogan	South	Physics, Interventionist
Dylan Canavan	Central	Earth Sci, Physics, Phys Honors
Julie Gaubatz	South	Science DC, Biology, AP Bio
Robb Gotlund	South	Biology, AP Biology
Julie May	Central	Science DC, Chem, AP Chem
Tracy McDonald	South	Chemistry, Anat & Phys
JR Paige	Central	Biology, Biology Honors
Paul Woods	Central	AP Chem, Chem H, Physics H

Combining BOE direction with Program Team's work

9th Grade	Physics 9 or Physics Honors 9	Biology 9 or Biology Honors 9
10th Grade	Chemistry 10 or Chemistry Honors 10	Chemistry 10 or Chemistry Honors 10
11th Grade	Biology 11 or AP Biology	Physics 11 or AP Physics 1
12th Grade **(or concurrent 11th grade)**	AP Biology, AP Chemistry, AP Environmental Science, AP Physics C-M, AP Physics C, Anatomy & Physiology, Earth Science Capstone	

Provides a P-C-B or B-C-P sequence with freshman and junior-level courses single grade only. Physics, Chemistry and Biology have Earth Science standards integrated where appropriate.

Considerations of the refined program

- Provides experiences with all four core sciences in the first three years.
- Places students in science courses with their age-similar peers.
- Allows choice for freshmen.

- Increases parent/student confusion in choosing high school pathway.
- Decreases vertical alignment in the second year of the program.
- Increases the number of courses offered from 14 to 18, likely requiring an additional 1-2 FTE at South to run sufficient sections with lower enrollments.