

At the Board of Education meeting held on September 26th, Theresa Curry, District Coordinator for Science, Health and Technology, proposed a 7-12 science initiative that provides broad scale opportunities in science education for all Manhasset students. This initiative will begin with the Class of 2020, our current 6th grade students, as they enter grade 7 for the 2014-2015 school year. Moving forward, the initiative includes each subsequent 7th grade cohort entering the Middle School.

The strength of our current elementary science program fully prepares students for the secondary coursework proposed under this initiative. Students presently in grades 7-12 will continue their current course trajectory and will not be impacted by this change.

Please open the links below to view Mrs. Curry's Vodcast and the accompanying Power Point slides that detail this comprehensive science initiative. Feedback and inquiries regarding this proposal are most welcome. Please direct all questions and comments to Mrs. Curry at the email address below.

scienceinitiative@manhasset.k12.ny.us

Link to VODCAST: [Science In 2014-2015 VODCAST](#)



Science for All & All for Science

Creating Broad Scale
Opportunities in
Science Education
for All Manhasset
Students.

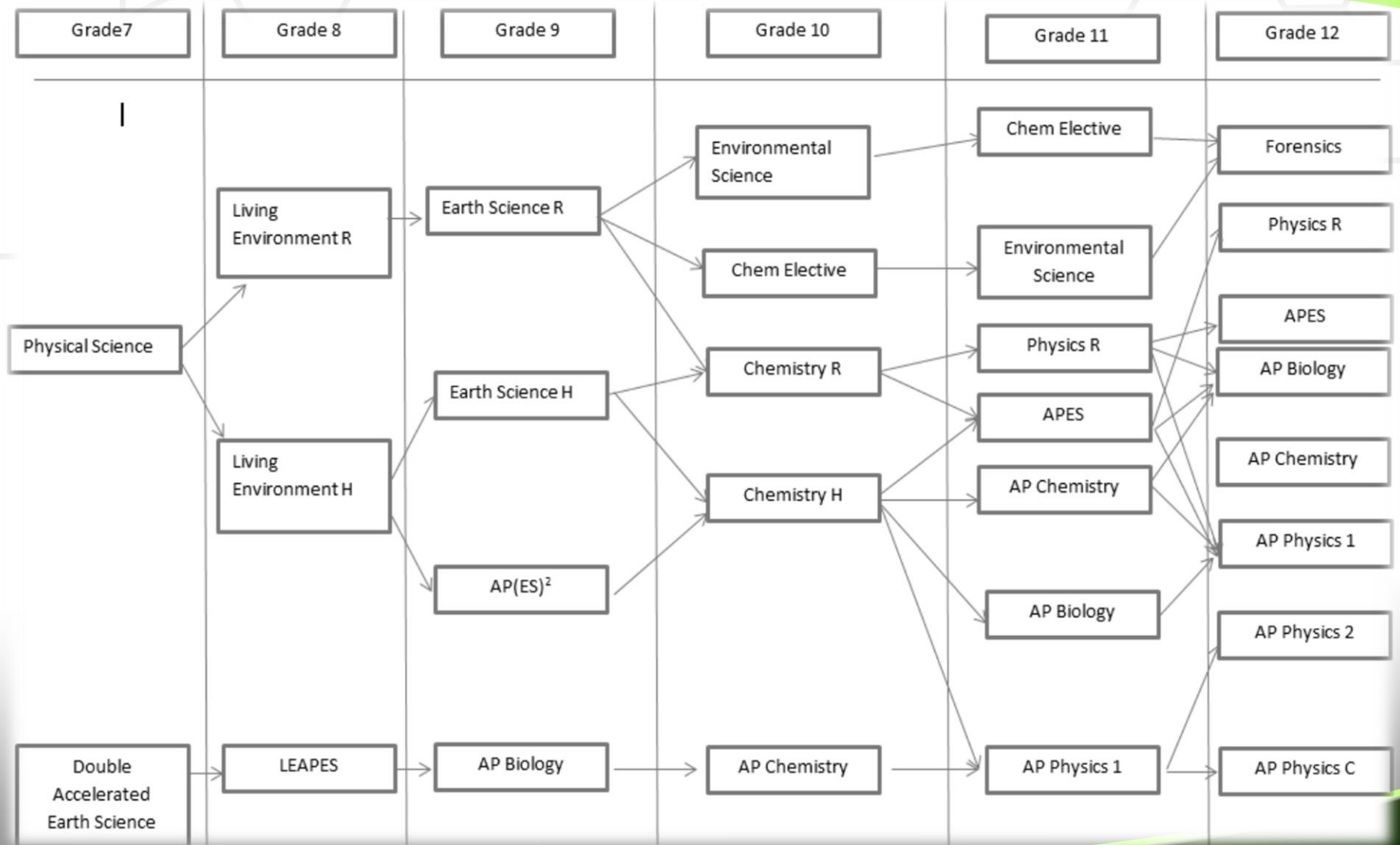
*Presented by: Theresa Curry
District Coordinator for Science, Health and
Technology K-12*



The General Plan for this Initiative

- ❖ Grade 7: becomes Physical Science
- ❖ Grade 8: Living Environment, Honors, Inclusion or Regents levels (HS credit earned)
- ❖ Grade 9: Earth Science Regents and Inclusion remain and the program will now have an Honors component
- ❖ Grade 10: Chemistry Regents and Honors, along with a new, non-Regents, Chemistry elective
- ❖ Grade 11: Physics Regents and AP Physics 1 (AP Physics 1 taught in conjunction with Regents Physics)
- ❖ Continuous Course Offerings at various levels:
 - traditional electives, both current and new
 - all AP Science courses

The Initiative Flow Chart





The “Double Accelerated” Program Under this Initiative

- ❖ There would be a restructuring of the current course sequence and an exponentially increased level of academic rigor.
- ❖ Criteria for selection must be reviewed and intensified to insure the proper selection of students capable of thriving in this academically intense program.
- ❖ Double Accelerated Program would now begin with a Double Accelerated Earth Science Honors Regents class in grade 7.
- ❖ LEAPES now moves to grade 8.

The prescribed sequence of AP Science classes to follow:

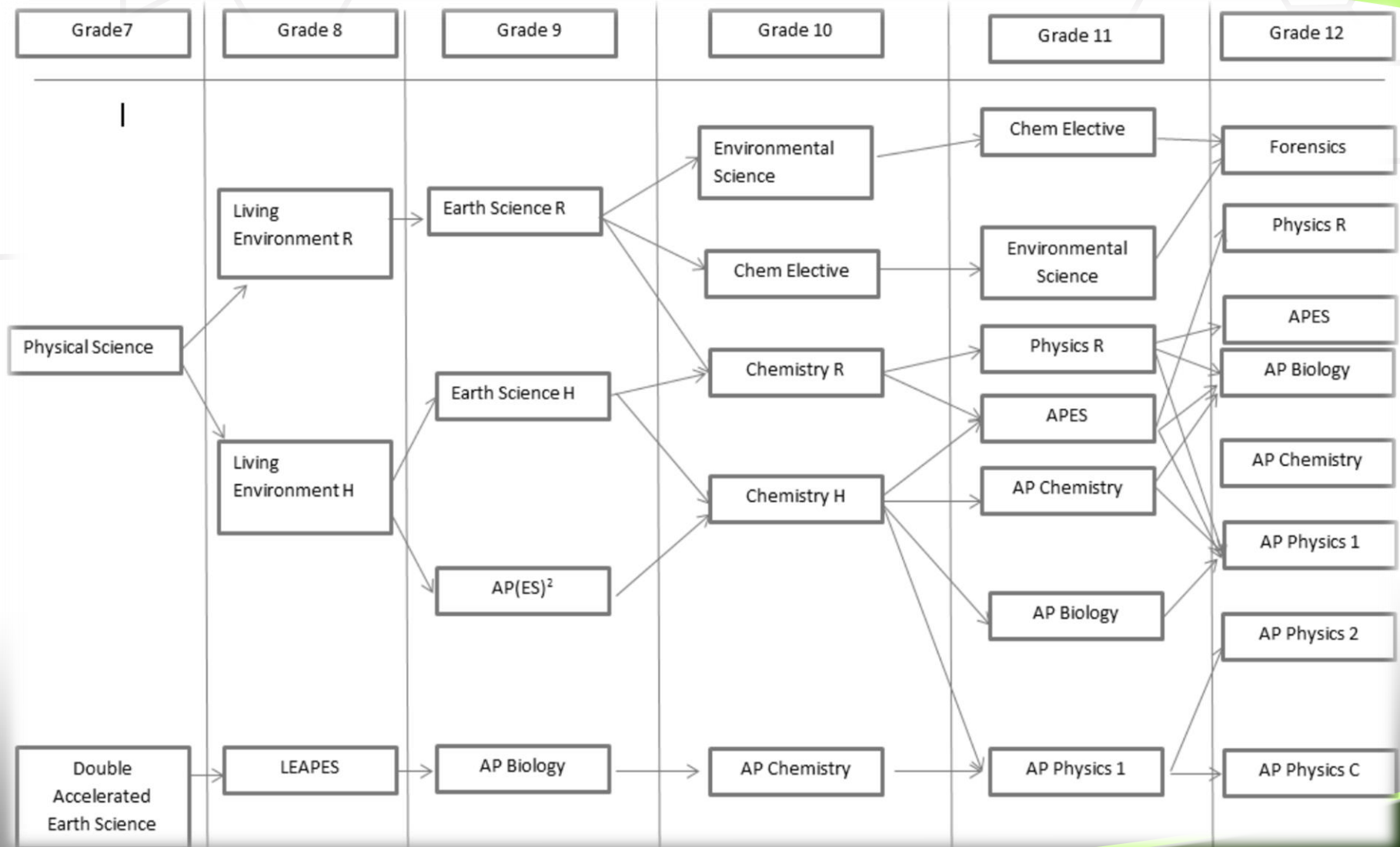
- ❖ AP Biology (grade 9)
- ❖ AP Chemistry (grade 10)
- ❖ AP Physics 1 (grade 11)



The Rationale for Change

- ❖ Raise expectations for students beginning in grade 7.
- ❖ Provide students with the opportunity to take more meaningful science electives.
- ❖ Remove the “acceleration” designation; more appropriately challenging opportunities for all students starting in grade 8.
- ❖ Ultimately increase the number of students earning Advanced Regents Diplomas.
- ❖ Increase the number of students able to take multiple AP science courses and AP science exams. SAT Subject Area Tests can be taken on a more timely schedule.
- ❖ Reduced assessments; very few students, if any, will have to take the NYSED 8th grade Science Assessment.
- ❖ Increased excellence and rigor, as well as higher expectations and achievement, for all students of all academic ability levels.

Once again... The Initiative Flow Chart



Questions?

