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**Science Department request for a change in required science courses.**

It is requested of curriculum council that they consider and approve the addition of Physical Science I & II or CP Chemistry I & II for non-CP students and CP Chemistry I & II for CP students as graduation requirements for all students of Wellsboro High School. This request is data driven based on the current PSSA Science results.

The 2009 Science PSSA Results indicate that 54.84% of last year's 11<sup>th</sup> grade class scored Below Basic or Basic on the Science Assessments; leaving only 45.16% to score proficient or advanced.

An analysis of the data for the Below Basic scorers by Anchor indicates that they struggled in all areas covered by the Science Anchors. Basic scorers' data by Anchor indicates that the area they struggled with the most was Anchor C; the content of which is physical science.

Currently all students are required to take Earth and Space Science I & II/CP Earth and Space Science and Biology I & II/CP Biology I & II. It is the conclusion of the high school's science department that requiring the courses which supply the content background covered on the PSSA Science Assessment would have a positive effect upon our students' PSSA Science Test Scores and would offer exposure to all our students the content in the Physical Sciences that many would otherwise be uninformed about.

The science department at the high school conferred with 7<sup>th</sup> and 8<sup>th</sup> grade middle school science teachers and the high school guidance department prior to submitting this proposal. All personnel involved in the discussion support this request.

Attachment XV 11-3A-1