

SCHOOL IMPROVEMENT PLAN
Patrick Henry High
2017-2018

A. Two school-wide instructional goals indicated by Data.

OBJECTIVE 1: Improve student achievement in the SOL areas of math and science by increasing the overall pass rates in each of the testing areas.

Strategies

- Differentiation within classrooms for students with different learning styles.
- Develop lesson plans that incorporate Depth of Knowledge.
- Tutoring remediation will be offered to students who are at-risk.
- The special education department will continue to remediate students as needed.
- Implement remediation through the use of current math and science staff.
- Implement remediation using Project Graduation tutors for math and science.
- Implement the use of Chromebooks to enhance learning opportunities in all math and science courses.
- SOL scope and sequence, Interactive Achievement, Unpacking the Standards, blueprints and pacing guides will be utilized in the curriculum.

Indicators

- Instruction will be paced and on track, and in sequence with the above stated measurements, allowing for adequate topic coverage within the scope of SOL testing data.
- Teacher will provide differentiated instruction to insure comprehension of presented materials within the curriculum.
- Results from Interactive Achievement, information from Unpacking the Standards, and other measurements of knowledge will be used to identify students in need of subsequent remediation.
- Achievement on the SOL tests will show improvement on overall scores from previous years with an increase toward the 100% achievement level.

OBJECTIVE 2: Increase understanding of Project-Based Learning (PBL) throughout the school, thereby increasing the use of PBL in each classroom.

Strategies

- Implementation of a school-wide project that will allow students to investigate, explore and align project-based learning to those standards and concepts traditionally taught in class.
- Students will demonstrate an understanding of information that is relevant, fosters higher-level thinking, and clearly relates to the skills and content in the curriculum through the implementation of project-based learning.
- Committee meetings that will provide opportunities for teachers and administration to plan, coordinate, and support the implementation of project-based learning.

- Professional development for faculty to support the implementation of project-based learning.
- Meetings with students to assess feedback on student learning and classroom engagement with project-based learning.

Indicators

- Increased number of project-based learning activities over the course of the year.
- Increase in teacher use of project-based learning to enhance student engagement and higher-order learning.
- Increased comfort level in the implementation of project-based learning in the classroom.
- Deepened student engagement, resulting in greater mastery of application content and skills.

B. Professional Development goal to support instructional goals.

OBJECTIVE: Continue the development and use of Chromebooks and other forms of technology in order to enhance student learning.

Strategies

- Implementation of Chromebook usage with all freshmen and sophomore students, especially in freshman- and sophomore-oriented classes.
- Utilization of Google Classroom to enrich student learning.
- Utilization of Google Mail, Drive, Sheets, Slides and Calendar to increase collaboration and student productivity between teachers and students.
- After-school professional development sessions, offered throughout the year, to provide a “teacher-taught” knowledge base.
- Meetings with students to assess feedback on student learning and classroom engagement with the implementation of Google Classroom and Chromebooks.

Indicators

- Increased use of Chromebooks and Google Classroom.
- Increased comfort level in the implementation of Google-based applications in the classroom.
- Increased collaboration within each department on ways Google Classroom and Chromebooks are being utilized effectively.
- Increased number of teacher lead professional development opportunities throughout the year.