

FLOYD COUNTY BOARD OF EDUCATION
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Date: May 15, 2023

Consent Agenda Item (Action Item): Consider/approve authorizing the superintendent to add a Chemistry/Physics position.

As an initiative to increase the number of students who leave Floyd County with a strong math and science background, Mr. Stanley Pigman and his Lighthouse Foundation has agreed to pay for half the salary of a Chemistry/Physics teacher at FCSI. Housing this teacher at FCSI provides opportunity for students from all three high schools to benefit. Mr. Pigman is a strong supporter of the Engineering and Computer Science programs at FCSI and suggest those students have upper level math courses (Pre-calculus, AP Calculus, etc.) as well as Chemistry and Physics. In order to show his support he has agreed to pay half of this position.

Mr. Pigman offers three types of scholarships to students in Eastern Kentucky. One of the scholarships requires students to have Calculus, Chemistry, and Physics at the high school level while the other two highly suggest the completion of those courses.

Providing these courses as part of the computer science and engineering pathways (as well as others) will allow Floyd County Schools to graduate students with a stronger science background. These courses will enhance our current pathways by showing students how chemistry and physics are found and used in areas. These courses will be taught with applications that directly apply what is being covered in the CTE pathways.

This position would also allow underclassmen (9-10 grade) students to take an introduction to Chemistry/Physics (ICP) course as a lead into these upper level classes at FCSI. All these courses would count as science credits on the student's graduation check sheet.

Applicable State or Regulations: BOE Policy 0.11 Powers and Duties of the Local Board of Education.

Fiscal/Budgetary Impact: Salary paid from Stanley Pigman Foundation and Title IV.

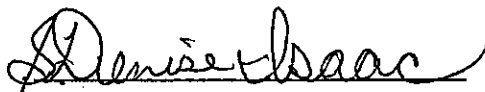
Pathway Options: A teacher who fills this position (any high school science certification) would have the background to extend the Engineering program into other areas: Aerospace. These two areas are shown as interest areas from student ILPs and from student questioning at FCSI.

Adding the Aerospace pathway as another option to the Engineering program at FCSI would be an opportunity to further our partnership with Lifeguard Ambulance. Lifeguard ambulance has their own flight paramedic program. If we add an aerospace program we could tie this into our current EMT program and grow both at the same time.


Recommended Action: Approve a Physics/Chemistry position for FCSI to serve all students in Floyd County. See attached information.

Contact Person(s): Denise Isaac

Denise Isaac, Chief High School Instructional Officer



Director



Superintendent