



Washington Mathematics Science Technology PCHS Advances in Samsung's \$2 Million* National STEAM Contest

Robotic Hallway Monitoring Project

What:	<p>Washington Mathematics Science Technology PCHS (WMST) located in Washington, DC, was named one of the nation's 255 state finalists in the Samsung Solve for Tomorrow Contest, a program that encourages students to solve real-world issues in their community using classroom skills in science, technology, engineering, arts and math (STEAM).</p> <p>Ms. Vivienne Forrester's 10th grade classroom was chosen based on their proposal to use STEAM skills to address instances of misconduct that occur within school buildings. To tackle this project, students will design and build a hallway monitoring robot that collects positional data of building inhabitants as a means of preventing and detecting inappropriate activities.</p> <p>As one of five state finalists in DC, Ms. Forrester will win a Samsung Chromebook® to use in her classroom. WMST will now have the opportunity to advance in the competition for additional classroom technology prizes. Ms. Forrester is currently working on an Activity Plan outlining how her students will execute their project. If she is named the DC State Winner in December, WMST will receive a \$25,000 Samsung technology package!</p>
Who:	<p>Ms. Vivienne Forrester, 10th grade teacher at Washington Mathematics Science Technology PCHS and her students.</p>

<p>Future Competition Phases:</p>	<ul style="list-style-type: none"> • The 255 state finalists will submit an Activity Plan, outlining their project development and the issue it will work to solve. • State winners: 51 state winners will be selected to submit a video of their project in action. For achieving state winner status, 41 of those schools will receive a \$25,000 Samsung technology package, including a Samsung video kit to produce their video. The other 10 will progress to the national finalist stage. • National finalists: 10 national finalists will be selected to attend a Pitch Event where they will pitch their project to a panel of judges. For achieving national finalist status, 7 schools will receive a \$50,000 Samsung technology package. The other three will progress to the national winner stage. • National grand prize winners: 3 national winners will be selected and each will receive a \$150,000 Samsung technology package. • Community Choice Award: All of the 10 national finalists will be eligible to win an additional \$20,000 Samsung technology package based on social media voting.
<p>Interview Opportunities:</p>	<p>Ms. Forrester is available for interviews about the local issue they're working to solve and the importance of hands-on STEAM learning.</p>
<p>Media Contact</p>	<p>For more information, please reach out to Dr. N'Deye Diagne, Head of School, at ndiagne@wmstpchs.net or SamsungSFT@allisonpr.com.</p>

**\$2 million prize is based on an estimated retail value.*



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Ethanol Production Facility Project

What:	<p>Washington Mathematics Science Technology PCHS (WMST) located in Washington, DC, was named one of the nation's 255 state finalists in the Samsung Solve for Tomorrow Contest, a program that encourages students to solve real-world issues in their community using classroom skills in science, technology, engineering, arts and math (STEAM).</p> <p>Mr. Shannon Wilson's 12th grade classroom was chosen based on their proposal to use STEAM skills to address pollution in the Anacostia River. To tackle this project, students will design and build an ethanol production facility that diverts raw sewage from the current sewer pipeline thereby preventing overflow into the Anacostia River. The diverted raw sewage will then be converted into ethanol within the facility.</p> <p>As one of five state finalists in DC, Mr. Wilson will win a Samsung Chromebook® to use in his classroom. WMST will now have the opportunity to advance in the competition for additional classroom technology prizes. Mr. Wilson is currently working on an Activity Plan outlining how his students will execute their project. If he is named the DC State Winner in December, WMST will receive a \$25,000 Samsung technology package!</p>
Who:	Mr. Shannon Wilson, 12 th grade teacher at Washington Mathematics Science Technology PCHS and his students.

<p>Future Competition Phases:</p>	<ul style="list-style-type: none"> • The 255 state finalists will submit an Activity Plan, outlining their project development and the issue it will work to solve. • State winners: 51 state winners will be selected to submit a video of their project in action. For achieving state winner status, 41 of those schools will receive a \$25,000 Samsung technology package, including a Samsung video kit to produce their video. The other 10 will progress to the national finalist stage. • National finalists: 10 national finalists will be selected to attend a Pitch Event where they will pitch their project to a panel of judges. For achieving national finalist status, 7 schools will receive a \$50,000 Samsung technology package. The other three will progress to the national winner stage. • National grand prize winners: 3 national winners will be selected and each will receive a \$150,000 Samsung technology package. • Community Choice Award: All of the 10 national finalists will be eligible to win an additional \$20,000 Samsung technology package based on social media voting.
<p>Interview Opportunities:</p>	<p>Mr. Wilson is available for interviews about the local issue they're working to solve and the importance of hands-on STEAM learning.</p>
<p>Media Contact</p>	<p>For more information, please reach out to Dr. N'Deye Diagne, Head of School, at ndiagne@wmstpchs.net or SamsungSFT@allisonpr.com.</p>

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