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MEDIA Alert: Students Build Water Sensors in Prep for King Tide Day

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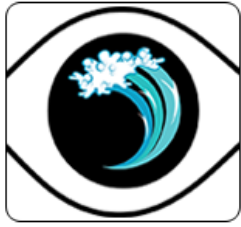


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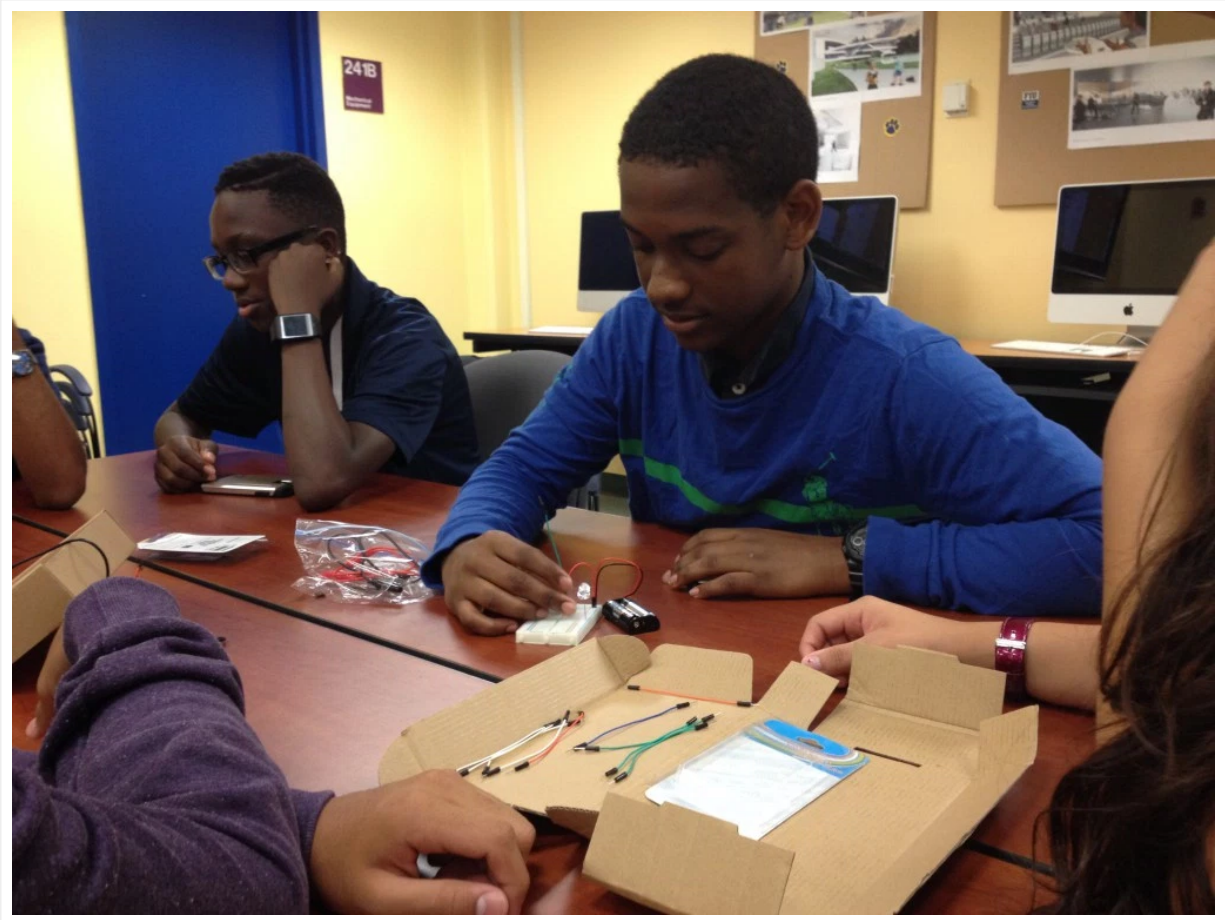
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Eyes on the Rise

MEDIA ALERT: Students Build Water Sensors in Prep for King Tide Day

OCTOBER 1, 2014 / TED GUTSCHE / 0 COMMENTS



Students from [MAST @ FIU BBC](#), a public high school that's part of the Miami-Dade County Public Schools and housed at Florida International University's Biscayne Bay Campus, with the support of [FIU's School of Journalism and Mass Communication](#), spent Wednesday morning building [coqui sensors](#) that they will use for their upcoming King Tide Day events on Alton Road in Miami Beach on Oct. 9.

"This is a great and new experience," said Noe Ley, a 10th grader at MAST @ FIU. "It really impressed me how a little breadboard could have as many abilities and different functions."

More training is scheduled for Thursday, Oct. 2 when students will construct and [test water sensors](#) in campus access to the Biscayne Bay and in nearby ponds with plans to use them to examine salinity in potential flood waters on Miami Beach during [King Tide Day](#).

“I think this collaborative project is what we need as a school,” said Saad Masud, a 10th grader who presented with Ley information about sea level rise in South Florida during a Sept. 29 rally to launch the King Tide Day event. “Already being inside a university, it’s natural to have these interconnected projects. It provides a new kind of hands-on experience.”

The students have now worked closely with researchers from MIT and from Public Lab to discuss how to collect — and to communicate — environmental data about sea level rise.

“I feel like getting help from university professors and from MIT provided us with information that’s fresh and from a peer group that’s not biased by an older person who might not share our perspectives on the world,” Ley said. “It really gives us an understanding that’s coming from a peer who can relate to us.”

Media will be able to take photographs and video of students preparing and testing sensors Oct. 2 and again during the Oct. 9 event.

“You can’t do this at every high school,” Saad said of the collaboration with FIU’s SJMC.

Who: MAST @ FIU BBC students and FIU SJMC students

When: Thursday, Oct. 2, from 9 a.m. to 1:30 p.m.

Where: FIU Biscayne Bay Campus, Academic Center 2 Rm. 242, 3000 NE 151st Street, North Miami, FL 33181

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