



RAMAY JUNIOR HIGH SCHOOL  
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*Home of the Ramay Indians!*

MATT SAFERITE, PRINCIPAL  
matt.saferite@fayar.net

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Bryan Hale – 9<sup>th</sup> Grade Science Teacher, [bryan.hale@fayar.net](mailto:bryan.hale@fayar.net)

Students work with Pasco probes as motion sensors and force detectors. These labs help students understand concepts that they need to know for the science curriculum and math curriculum. Concepts include: slope, intercepts, rates, describe motion with distance vs. time and speed vs. time graphs, and direct and indirect variation.

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Maridith Gebhart – 8<sup>th</sup> Grade Math Teacher, [maridith.gebhart@fayar.net](mailto:maridith.gebhart@fayar.net)








Students explore geometry using TI Inspire calculators and TI Navigator. Ms. Gebhart uses the TI /n/spire Navigator as a formative assessment tool. Using the Navigator allows her to give students instant feedback while protecting their anonymity by using "secret" names. Students take a weekly multiple choice Knowledge Map Quiz (vocabulary), in which individual, class and combined progress is graphed over time. Based on the results of individual questions, Ms. Gebhart can immediately diagnose misconceptions. Students also enter their open response answers to previously completed problems, and they use the document camera to present the work for the previously completed problems.

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Vic Dreier – Pre-Engineering and EITE Teacher, [victor.dreier@fayar.net](mailto:victor.dreier@fayar.net)

Mr. Dreier, a former Ramay student, has implemented Project Lead the Way, an engineering program that gives students the rigorous ground-level education they need to develop strong backgrounds in science, math, and engineering. Students work on their Robot Project designed with Inventor software. Pre-engineering is a problem based learning classroom where students learn through problem solving. Students in pre-engineering are focusing on open and closed loop systems. In this unit, they learn basic robotics and utilize their skills to solve real world problems. They work through eight different scenarios that guide them to use all the basic elements of the robots in use. Students design and build their robots, but they also program it to do what they want. This unit leads up to a fully functional assembly line that will assemble and package an end product.

## NWAESC - 21st Century Tools

	Item	Cost <i>(Constantly dropping)</i>	
MB528LL/A	<b>IPOD TOUCH (2ND GEN) 8GB</b>	\$194.65	
TL357LL/B	<b>BRETFORD POWERSYNC CART FOR IPOD TOUCHES</b>	\$1,954.96	
Available from Amazon	<b>AMAZON's KINDLE 6" Wireless Reading Device</b>	\$299.00	
TK724LL/A	<b>BODELIN PROSCOPE HR CSI LAB-US</b> Prices start at \$99.00 and go up	\$764.96	
TA097LL/A	<b>M-AUDIO KEYSTATION 61ES WEIGHT</b>	\$144.46	
TF238LL/A	<b>BLUE MICROPHONES - BLUE SNOWBALL</b>	\$84.96	
MB189LL/A	<b>APPLE TV,160G</b>	229.65	

MB764LL/A **TIME CAPSULE 500GB** \$237.15

MB765LL/A **TIME CAPSULE 1TB** \$407.15

Available from **MyVu VIDEO GLASSES** \$247.54  
Amazon

Available from **WESTINGHOUSE 14.1-Inch LCD Digital** \$99.99  
Amazon **Photo Frame**

Available from **Webkinz Jr. Plush Stuffed Animal** \$20.00  
Amazon **TO**  
\$30.00



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