ICU Curriculum Matrix ~ JFK Middle ~ SAMPLE

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| GRADE | 1ST MARKING PERIOD | 2ND MARKING PERIOD | 3RD MARKING PERIOD | 4TH MARKING PERIOD |
| *6TH grade*  **Theme -** Environmental Science  **Culminating Project –**  Student will keep a digital folder with all project material.  **End of the Year trip –** Epcot Flower and Garden Festival | **“Introduction to Environmental Science”** Students Look at the three main environments in south Florida, coastlines, reefs, and hardwood hammocks.  FT – Biscayne Nature Center Hammock Walk and Miami Metro Zoo. | **“South Florida Agriculture”**  Focus on fresh from Florida curriculum and Ag in the Classroom. FT – Farm tour of the Redlands. | **“Garden to Table”**  Students create recipe’s and make dishes from vegetables, fruits, and herbs grown at school.  FT – Marando Farms  Guest Speaker – Elgee Natural | **“Food Science”**  Students bring in a dish that represents their culture. Food safety lessons and farm to table lessons.  FT – Miami Dade College; Real Food Academy |
| *7TH grade*  **Theme -** Technology  **Culminating Project** – Student will keep a digital folder with all project material.  **End of the Year trip –** Universal Studios Tech Tour | **“Computer programming”** including coding, writing html, the Adobe suite  FT – Virtual webinars from Powtoons | **“Robotics”**  development, building and programming of a LEGO Mindstorm, Tetrix, Vex Robotics, and PCS Cortex in RobotC  FT - MD College Robotics club visit; Police Department – Bomb Squad Robots | **“App Development”**  Develop and market an application for smart phones.  FT – Apple Store | **“Careers in Technology”** and virtual job shadowing, develop a portfolio for technology based careers.  FT - |
| *8TH grade*  **Theme -** Biomedical Science  **Culminating Project –**  Student will keep a digital self-directed career portfolio.  **End of the Year trip –** Busch Gardens Zoo School | **“Biotechnology”** Forensics, Robotic Arm, SECME competitions.  FT – FROST Museum of Science | **“Veterinary Science”**  Heart rate, pet CPR, basic check-ups, fecals  FT – Hollywood AH, Vet guest speaker | **“Sustainable Living”**  Learn about public health and the global aspects of “Clean Water” and sufficient food sources. Tiny House project.  FT – Earth N Us urban farm, ECHO in Tampa, FL | **“Health and Wellness”**  Learn about vital signs and C.P.R. Investigate healthcare organizations and categorize them.  FT – UM guest speakers; UM medical clinic rounds |