National Engineering Design Challenge with Orlando Science Center

Joann Newman
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Orlando Science Center, along with NASA's Kennedy Space Center Swampworks, a local youth-serving center, and a network of community centers and Science Centers across the nation partner to create a broad partnership with national reach that generates, implements, and evaluates (1) a series of weekly authentic STEM engagement opportunities focused on space exploration and space science for underrepresented elementary school students (grades 4 & 5) from underserved communities across the City of Orlando, (2) a new engineering design challenge for community center-Science Center teams that can be scaled nationwide, (3) engagement of families during the engineering design challenge showcase and Family Science Night, and (4) innovative STEM professional training for City of Orlando’s informal educators to bolster confidence in STEM facilitation.

List of Partners:
- Kennedy Space Center
- City of Orlando - Grand Avenue Neighborhood Community Centers
- Florida Recreation and Parks Association

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