

n√ Power Girls *Cultivating achievement and interest in STEM*

SPRING 2016 | PROGRAM NEWSLETTER

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February

nPower teachers visited the Clark County Public Utility Center, engaging in a tour of the facility and a panel discussion with several female employees from various fields in energy production and distribution.

In the afternoon, teachers worked with Matt Babbitts, sustainable energy project manager, to design solar water heaters and adapt instruction for their classrooms. Teachers also focused on their classroom research questions on spatial intelligence in STEM.



March

In March teachers toured Tetra Pak, a Vancouver company that designs and produces boxes for liquid food products, continuing our study of businesses and their environmental impact. The nPower Team had a tour of its

facility including a discussion with air quality engineer Vanessa McClelland around issues of emissions in the printing and packaging industry. Vanessa shared how businesses must comply with local and federal laws on air toxins. Larry Price of Tetra Pak gave teachers a tour of the manufacturing facility from designing the boxes, creating templates for graphics, to box production. Look at the bottom of a milk, juice or soup box and you might find it was manufactured by Tetra Pak.

In the afternoon, teachers designed and built their own air quality monitors to test at their school locations, and also learned from nPower advisory member Alex Dimitrov about Brownian Motion, and how particulate matter can become a concern for the quality of our air.

CLARK COUNTY

PUD CAREER

OFFERINGS :

Dispatchers

Fleet Purchasing

Electrical Engineer

Standards Engineer

Residential Planning

Community Solar Project

Operations-cyber Security

Computer Systems Engineer

Environment Management Meter
Technician

All need tech and communication skills
as well as engineering

Article of Interest:
[Marvel superheroes bringing girls into STEM](#)