

Challenge: **Convenient**

Carrier https://pbskids.org/designsquad/parentseducators/resources/convenient_carrier.html

1. What is the title of your leadership project?

Utilizing Engaging Science Phenomena

2. Which option did you choose and why did you select the option/ topic?

I chose to create a Professional Development in how to utilize engaging science phenomena to start class discussions and engagement.

3. Who is your proposal audience?

a. Which teachers will you serve with your PD and activities?

I will be serving this Professional Development to the middle school and upper school science teachers in my school.

b. What grades, subject and how many students do they teach?

We serve 218 Middle School Students. Each of us in the middle school teaches about 70 students. The Upper School teachers teach about 80 students each.

4. How will your project demonstrate integration of STEM in the classroom?

The concept of engagement phenomena was something that stood out for me during my Methods of STEM course. It is a strategy to help students be interested in a topic that is about to be introduced. It allows students to see the topic in "action" before it being taught, which will increase engagement and curiosity whenever the actual topic is taught by the educator. The phenomena can be exposed through images, videos, or even real elements.

5. What outcomes or expectations do you hope to see for your educators?

I expect my team of educators to understand the concept of engaging phenomena. I also expect them to apply this methodology in their classes.

6. How will you follow up with the teachers in attendance?

I will send a survey asking an evaluation of the Professional Development. Over the course of the year I continue following up during our monthly department meetings.

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