

Fatema Sheikh

Session #3 Make up Assignment

1. Special presentation by Melisa Masri
2. Personification of STEAM
3. Assignment Review

Full Steam Ahead - Integrating Art through online applications.

Science and engineering practices overlap with art by creating and using models, designing solutions and presenting the final product. You can use "Easel.ly t" to create a presentation

Biotechnology - Scratch coding project for research in biology class. Can use easel.ly to use CER

Pixton Do research first then convey through a comic.

Edpuzzle, powtoons, tinkercad, nearpod,

www.easel.ly www.scratch.mit.edu

Technology that I used was @QuiverVision It is an app that brings a drawing into 3D format. It creates interactive augmented reality experiences. This is a fun tool to use when teaching cell organelles. Students have fun with it and is much more fun than just having students draw and color.

Personification of STEAM

Who Am I?

1) Da Vinci?? I have no idea... Yay I got it right!!

"I have been impressed with the urgency of doing. Knowing is not enough; we must apply. Being willing is not enough; we must do." I think that this quote means that one must experience in order to learn. "Knowing is not enough..." Theory is not enough we have to use our hands and try to build, create, and make something.

2) I don't know who this person is...Michael Angelo? OMG, I got this one right too.

3) Albert Einstein!!!

4) Steve Jobs

All of these people were very well-rounded people.

Women weren't encouraged to do things like this. All of them were white men. We need to make sure that the people we present to our students look like them and are people that they can relate to.

5) I didn't know who she was. (Mae Jamison)

6) I don't know who she is. (Carolyn Hershel)

7) I don't know who she is. (Heddy Lamar)

8) I know she is from "Big Bang Theory" Mayim Bialik

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I think it is important to use real people as examples of STEAM in the classroom to get students to see that they too can accomplish great things. I want to show my students that if people that are similar to them in background and race then they too can do the same thing. I am getting great ideas that I can use in my classroom. I can show them that it is possible for them to do and discover great things.

The secret lives of scientists and engineers - this is a great resource to show students that being a scientist does not limit who you can become. It actually helps you in all other aspects of your life.

Overall, I thought that this was a great class and I am sad that I missed the live version. However, I learned so much from the recorded version. I hope to use some of the resources that were mentioned by Melisa and my peers. I believe that putting a face, a person for students to see and connect to when discussing STEAM is important. It helps bring this theoretical idea to life and shows them that it has been done in the past and can be done in the future by them!