Activity – Use a smart phone to capture water as it comes out of a hose or faucet.

Grade
6, 7, 8

Class
Photography

Teacher
Mr. Janzen

Key Content/Modeling

One of the most important aspects of photography is the ability to capture a split-second image of something moving rapidly. It gives people satisfaction to be able to see something frozen in time that the human eye lacks the ability to do. This week’s activity is capturing images of running water. Doing this outside in the sunshine is best. Bright light is important because the shutter speed will be much faster, reducing the amount of blur in the moving water. If you can’t be in the sunshine do to this, make sure your camera flash in enabled

You Try – Watch the video at the link below to learn how to position the camera from a viewpoint that captures a fraction of a second to see what water looks like when moving through the air. Take photos of water from different sources – a hose, a kitchen faucet, or an outdoor spigot.

https://web.microsoftstream.com/video/a8d9e03-583f-4e14-9d56-eb99ad09f32

Show me what you know (Proof of learning) Send me via email (or turn in using Microsoft Teams) at least 5 photos of moving water. You will most likely take a LOT of photos, so choose 5 that have the least amount of blur, or those that look like frozen water

Self-Assessment
Give yourself a
4—if your water photos look more like close-ups of ice, and most of them are in focus.
3—if most of the photos are in focus, but you didn’t hold the camera close enough to the water, or the lighting wasn’t quite bright enough.
2—if you didn’t get a 3 or a 4, try taking more, making sure you are no more than 8 inches from the water, and use bright light like the sun or camera flash.

What am I learning?
From creative viewpoints, I can capture what water looks like as it is moving through the air from a water source such as a hose or faucet.

How do I know I learned?
Learning Evidence in 1-3 Descriptors
I used bright light (sun or camera flash) and effectively positioned the camera to create images of water as it comes out of a water source, and the images of the water stream and droplets look like ice.

Extra Learning Opportunities
Take a bowl of water outside in the sunshine, and have a partner drop something into the bowl. Try capturing the moment that the object hits the water. This will take several tries!

Priority Standard(s):
C.2.1 – Handle a digital camera effectively.
C.2.3 – Photograph from different Points of View …and from a unique personal viewpoint.