

# **Painting with Light**

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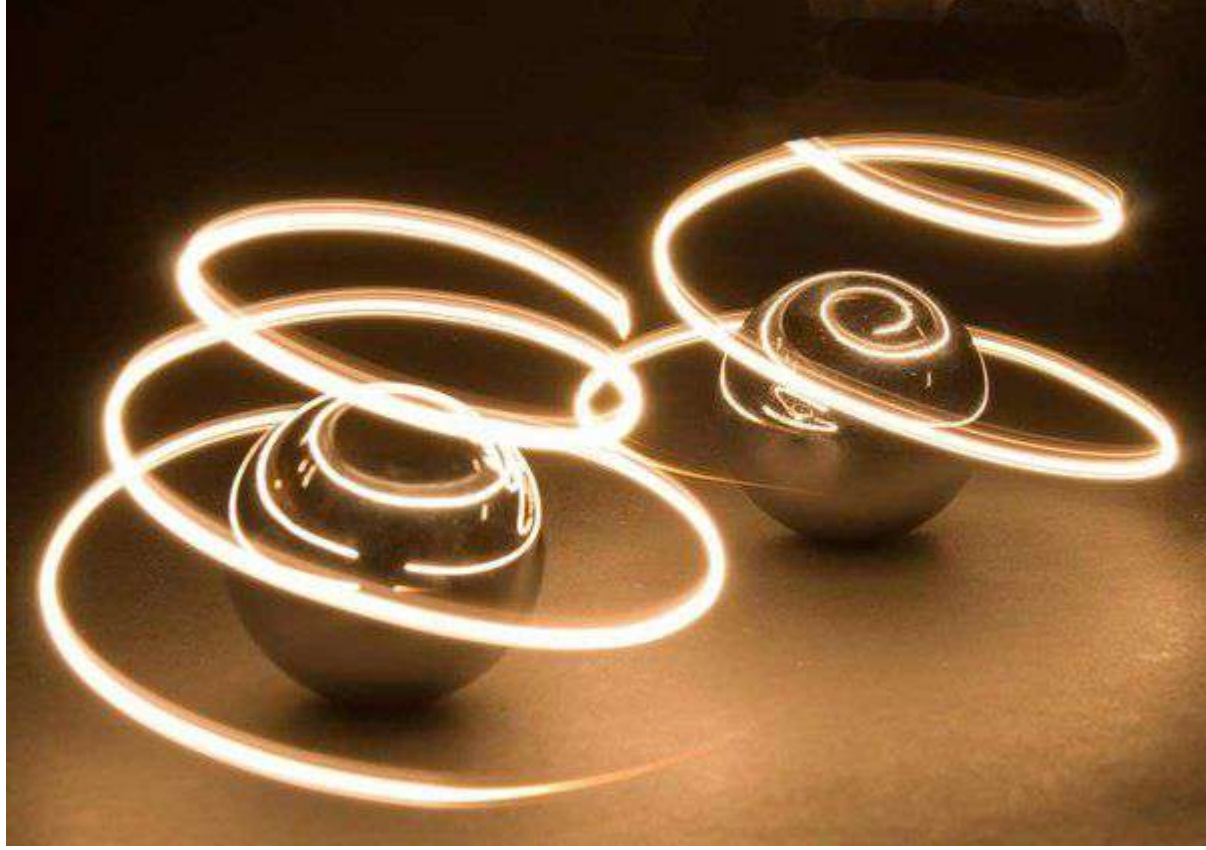


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## Set your Camera to Manual

Set your camera mode dial to **Manual Mode**.

In this mode, the dial at the top of your camera allows you to control all aspects of your camera.





**SLOWER SHUTTER SPEED**

**MORE LIGHT ENTERS CAMERA / MORE DEPTH OF FIELD**



## Shutter Speed

You will need to set your shutter speed to a minimum of 10 seconds long and your camera must be on a tripod.

	twice as fast as 1/8s	twice as fast as 1/15s	twice as fast as 1/30s	twice as fast as 1/60s	twice as fast as 1/125s	twice as fast as 1/250s	twice as fast as 1/500s
<b>1/8s</b>	<b>1/15s</b>	<b>1/30s</b>	<b>1/60s</b>	<b>1/125s</b>	<b>1/250s</b>	<b>1/500s</b>	
twice as slow as 1/15s	twice as slow as 1/30s	twice as slow as 1/60s	twice as slow as 1/125s	twice as slow as 1/250s	twice as slow as 1/500s		

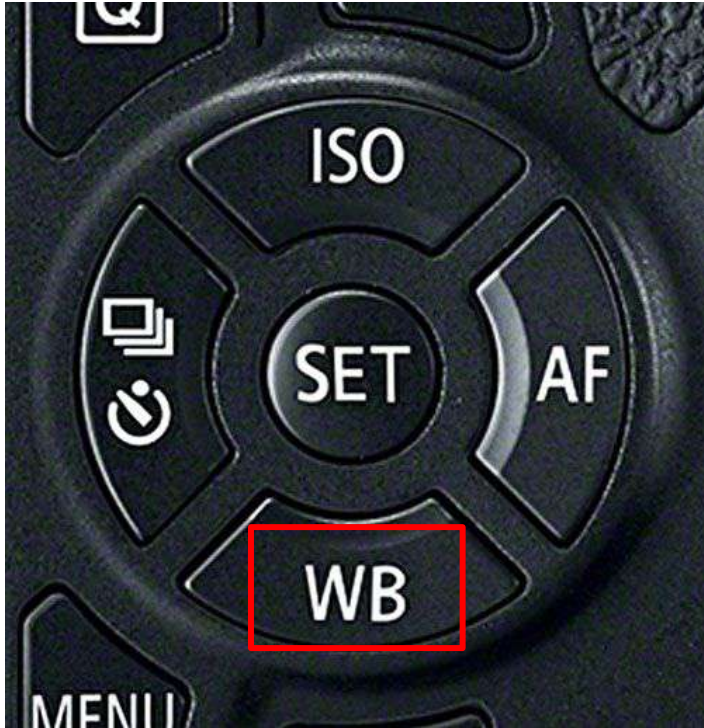


**FASTER SHUTTER SPEED**  
**LESS LIGHT ENTERS CAMERA / DECREASED DEPTH OF FIELD**





## Painting with Light Assignment

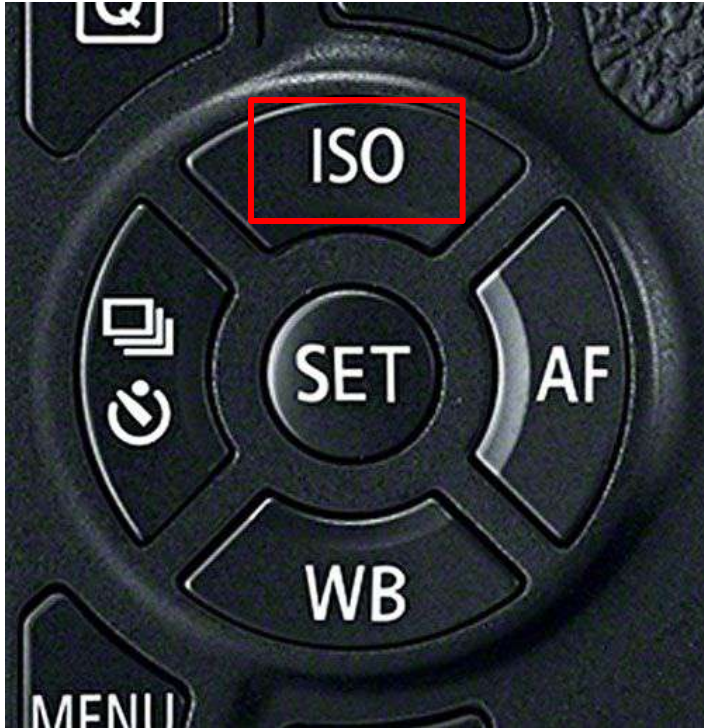


### Set your White Balance to Auto

- Click on the WB button on the back of your camera
- Adjust the settings to Auto

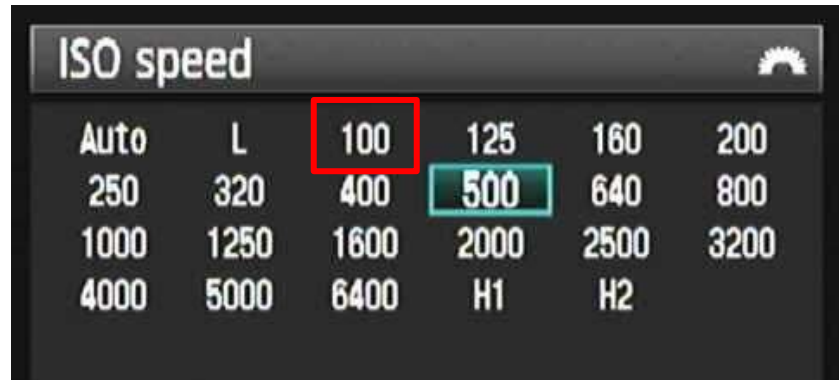


## Painting with Light Assignment



Set your ISO to 100.

- Click on the ISO button on the back of your camera
- Adjust the settings to 100 to allow for the longer shutter speed in a dark space



## Painting with Light Assignment



### Set your aperture to f/8 or higher

- Click and hold the AV button on the back of your camera
- Using the dial at the top of the camera, scroll to f/8 or higher.
- If you are needing a longer shutter speed, move your aperture to a bigger number. Bigger numbers = smaller opening = less light coming in.

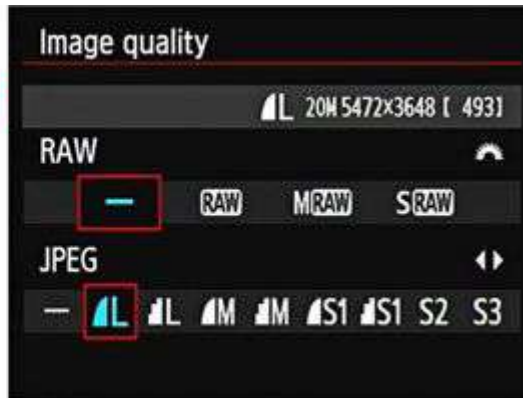
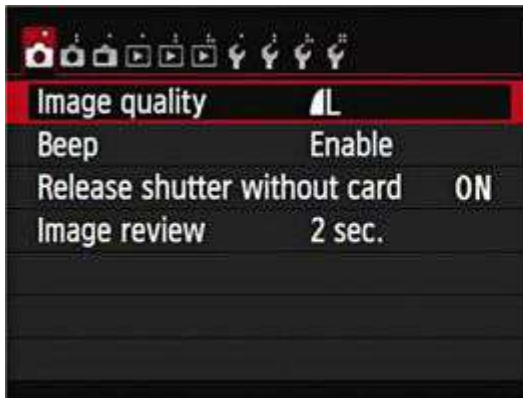


## Painting with Light Assignment



### Make sure your camera is set to Large JPEG

- Click on the Menu button on the back of your camera
- Find the Image Quality menu in the camera menu
- Make sure RAW is set to --
- And JPEG is set to the first L





## Painting with Light Assignment



### Setting your focus point

- Click and HOLD the AF Point Selection Button while looking through the viewfinder
- Use the main dial to change the location of the red dot on the focus grid
- Release the AF Point Selection Button
- Looking through the viewfinder, press halfway down on the shutter button to verify the location of your focus point.
- Once you've set your focus point, switch your lens to manual focus



The-Digital-Picture.com Reviews



## **Painting with Light Assignment:**



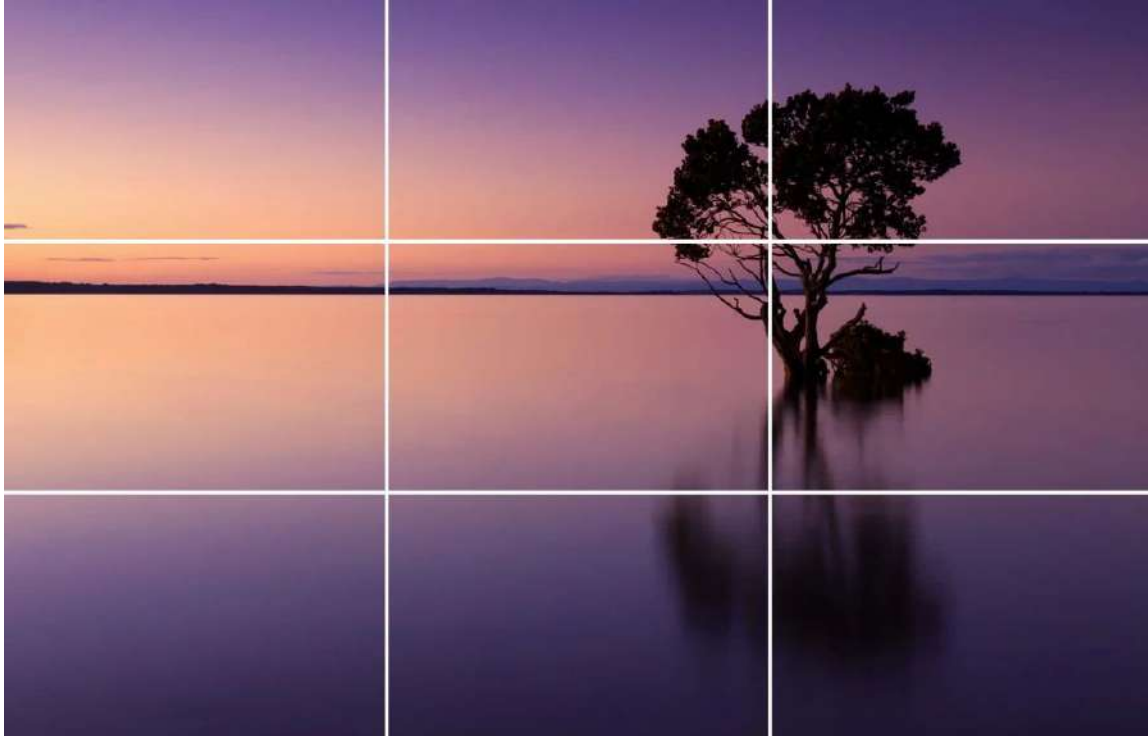
**Tripods are REQUIRED for this project!**

## **Painting with Light Assignment:**

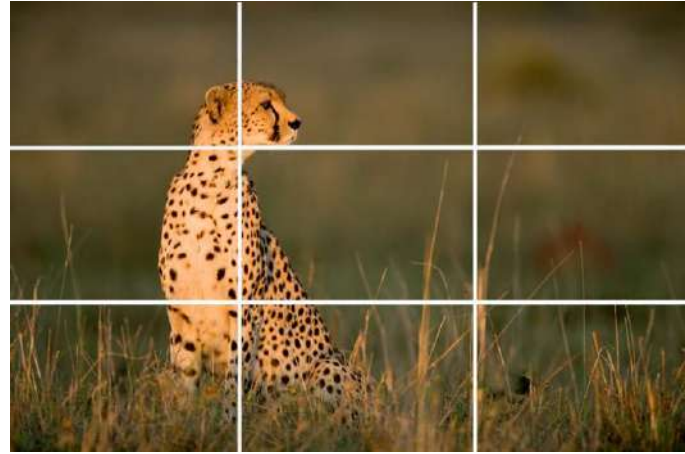
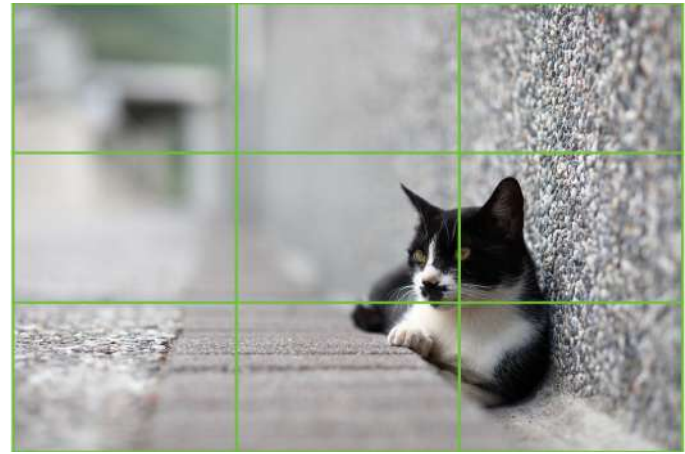
**Using different light sources, create a unique scene in the dark with a long exposure.**

- Create your scene using small objects or other people
- Set your camera up on a tripod and focus it on your subject while in a fully lit room or by using a flashlight to light up your subject while you focus.
- Turn off the lights!
- Use multiple different light sources to light your scene.
  - Remember: Narrow light comes from a light source pointed at the camera while broad light comes from a light source being pointed at the subject.
  - Use different colored gels in front of your lights to create color in your image
  - Use light sources such as cell phone flashlights, the front of your cell phone, flashlights, laser pointers, computer screens, projectors, string lights, fake candles, night lights, and more!
  - Do not use sparklers, fire, fireworks, or lighters.

## REMEMBER YOUR COMPOSITION!



Keep the rule of thirds in mind when photographing your subject!



## Painting with Light Assignment

Take notes, as you shoot your assignment, of the settings. You will be reading these settings later to better understand proper exposure.

SHOT #	F/ Stop	Shutter Speed	ISO	Subject Location	Notes (What did you notice, how does the image look?)
1	f/	/		Close / Mid / Far	
2	f/	/		Close / Mid / Far	
3	f/	/		Close / Mid / Far	
4	f/	/		Close / Mid / Far	
5	f/	/		Close / Mid / Far	
6	f/	/		Close / Mid / Far	
7	f/	/		Close / Mid / Far	
8	f/	/		Close / Mid / Far	
9	f/	/		Close / Mid / Far	
10	f/	/		Close / Mid / Far	



**PAINTING WITH LIGHT**  
**Student Demo Day Examples**  
**2018**

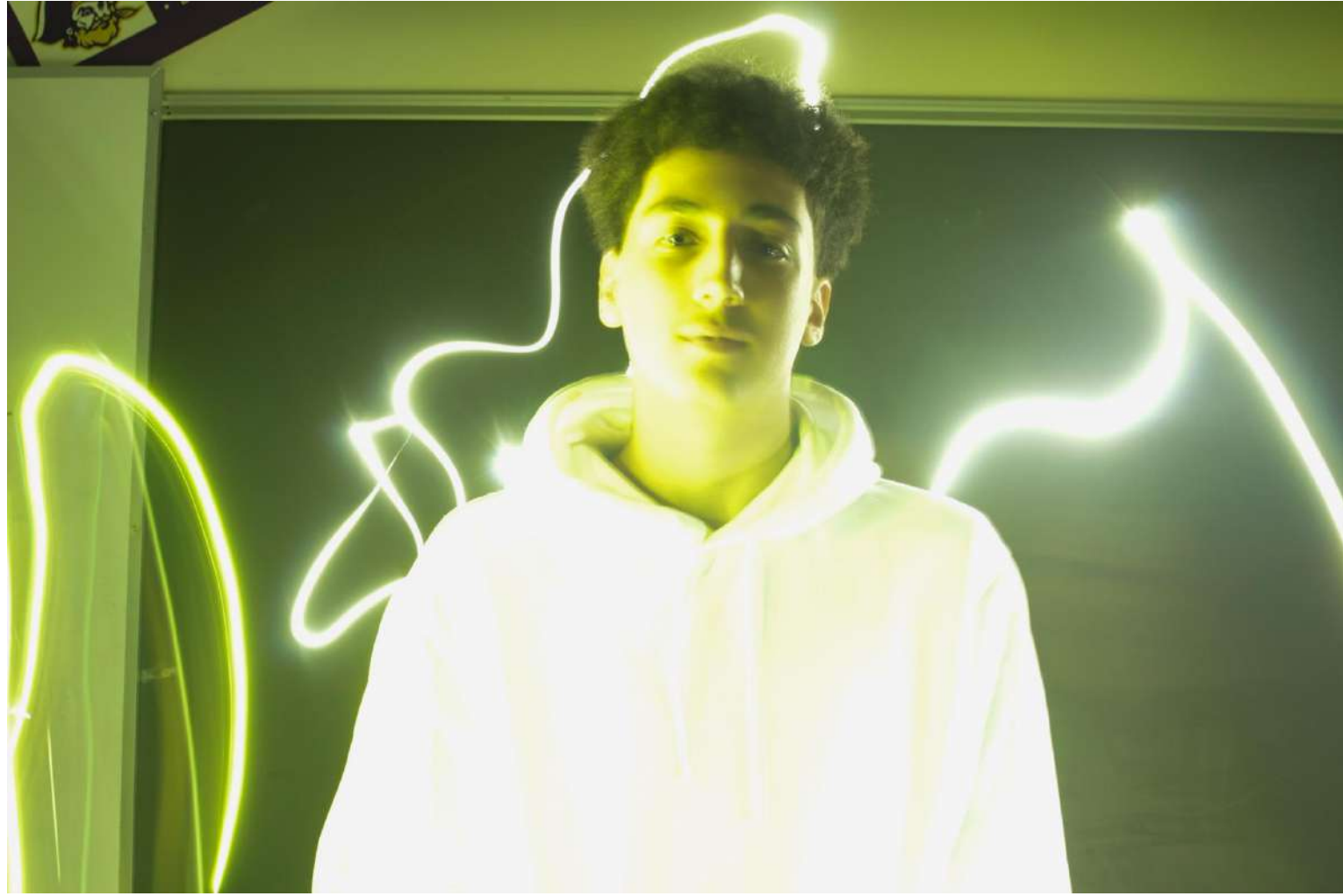
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## **Student Examples 2018**



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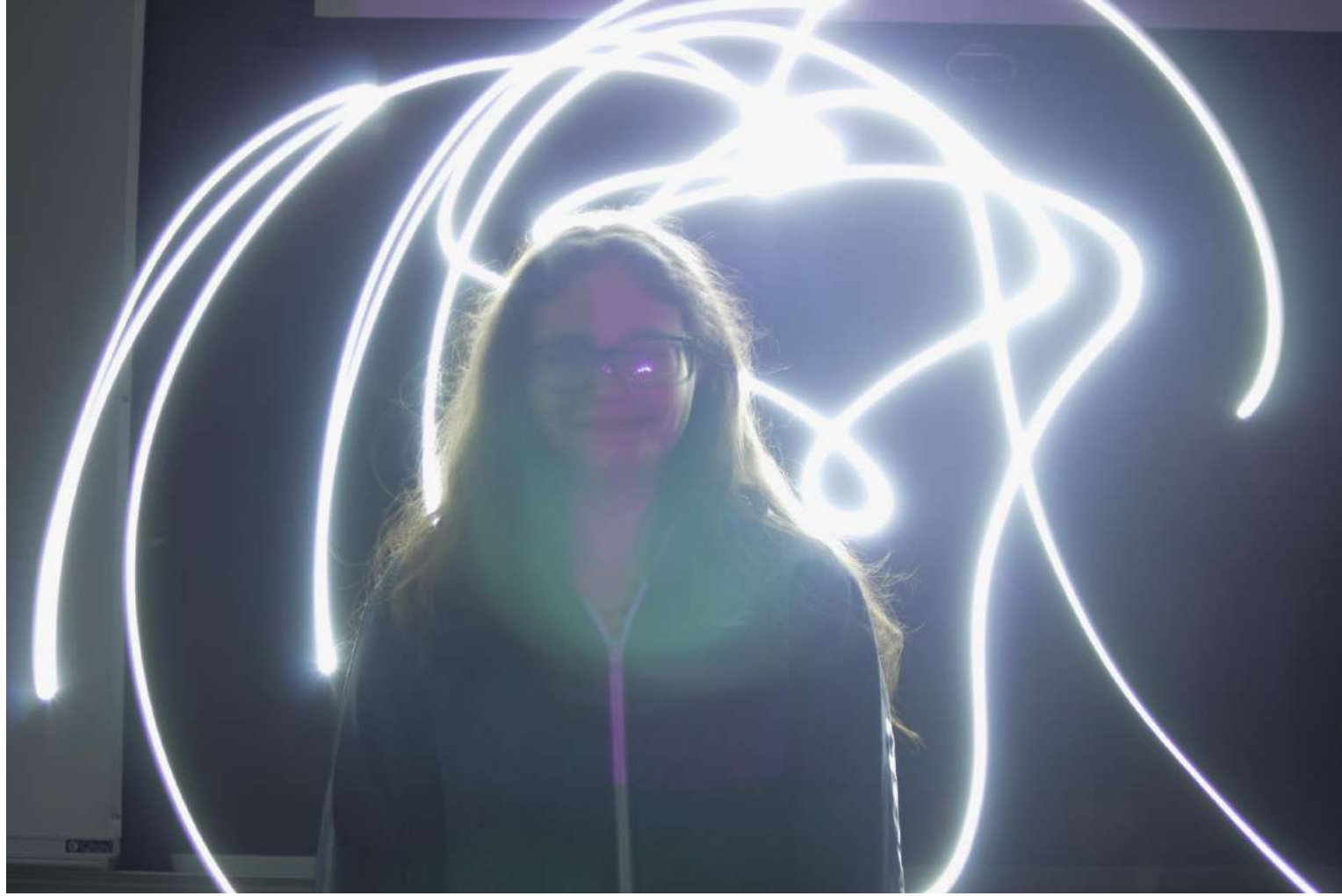
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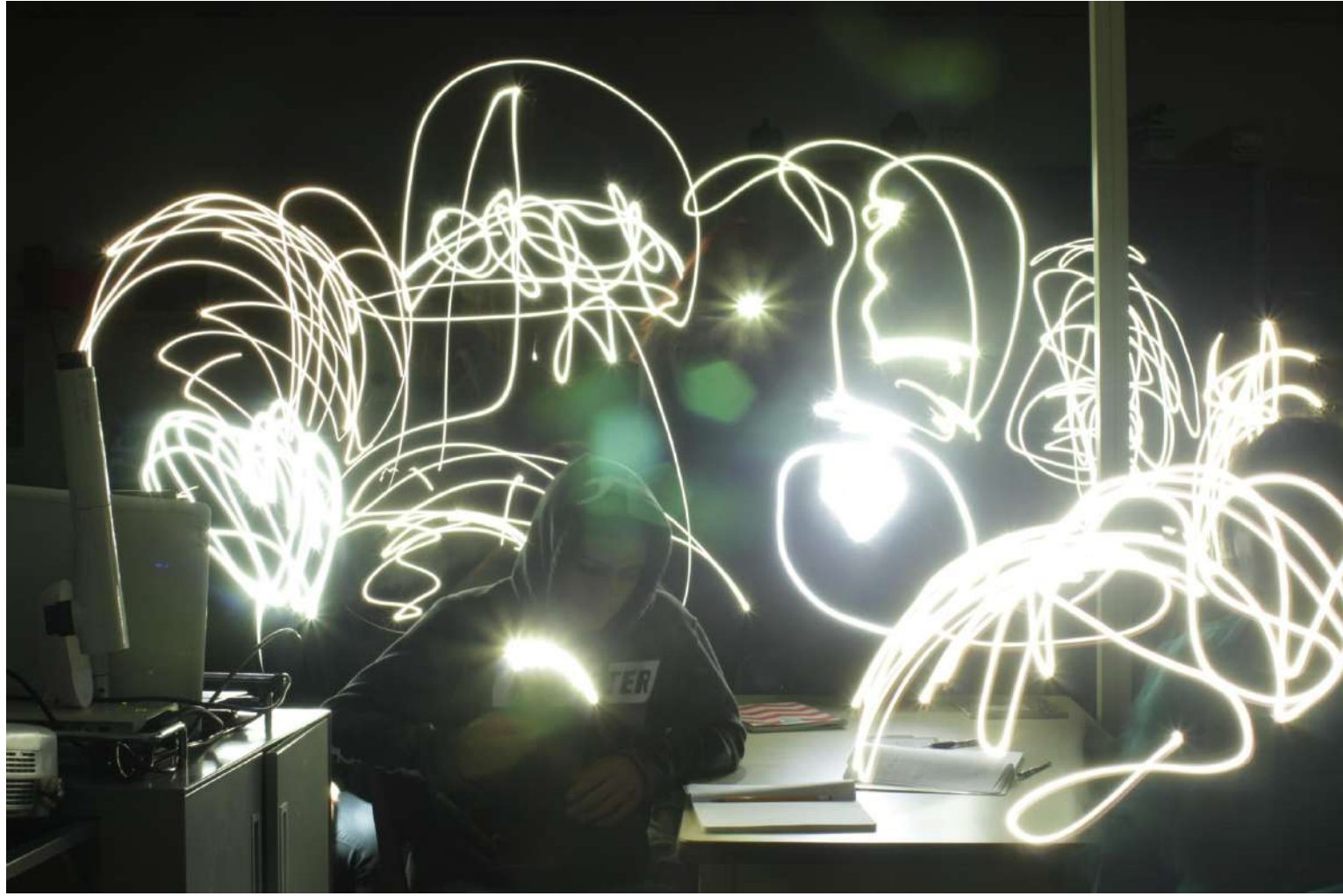
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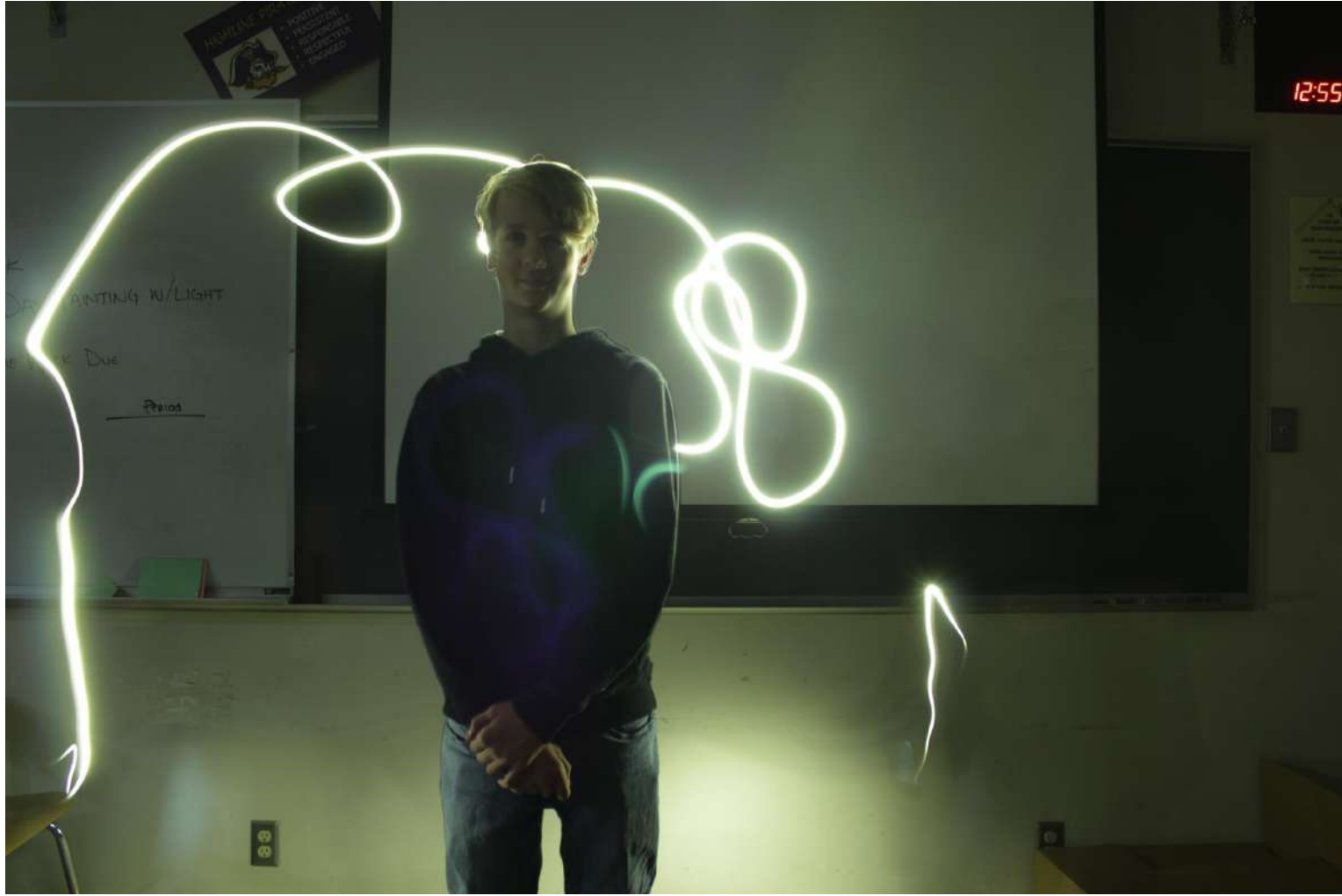
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## **Student Examples 2018**



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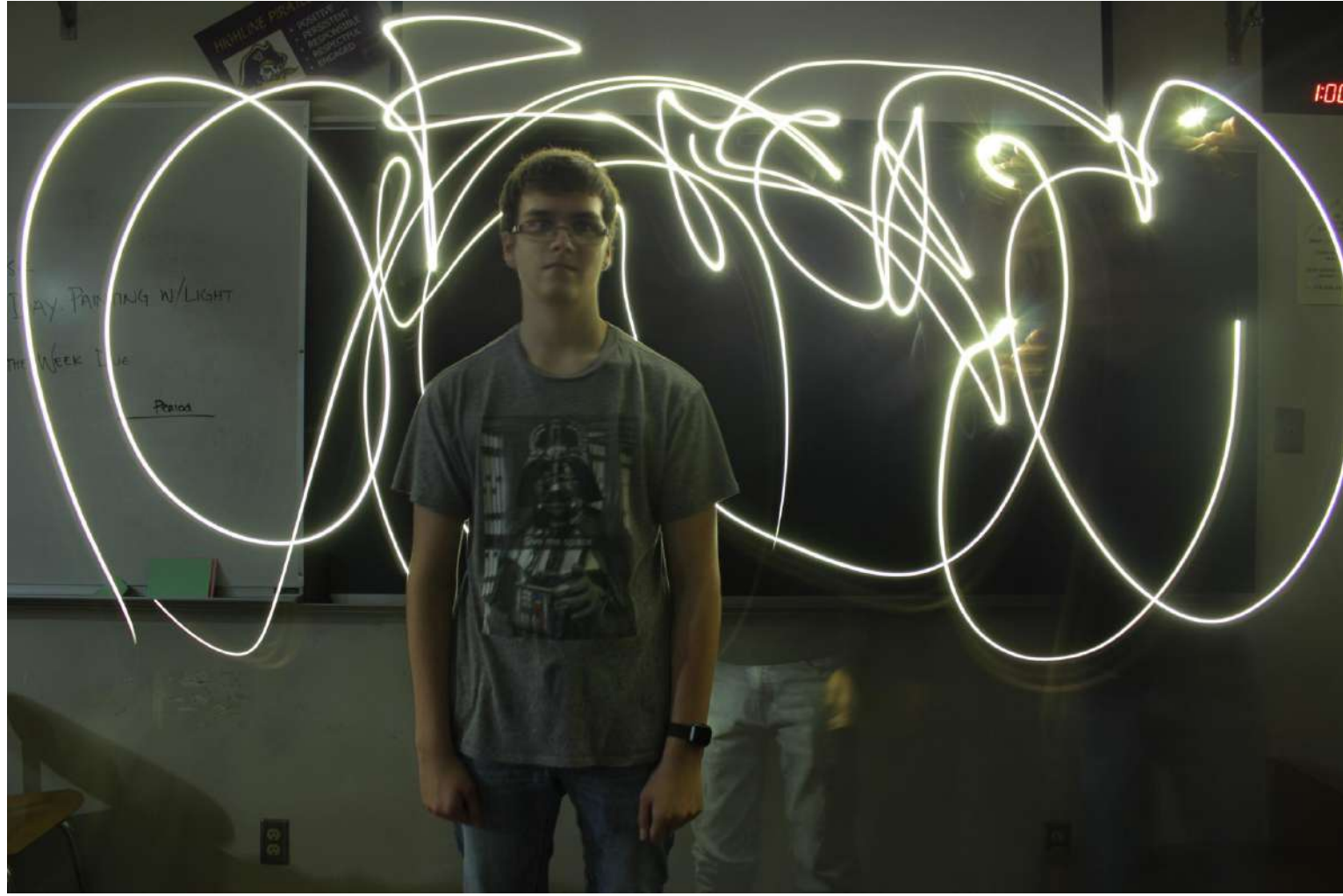
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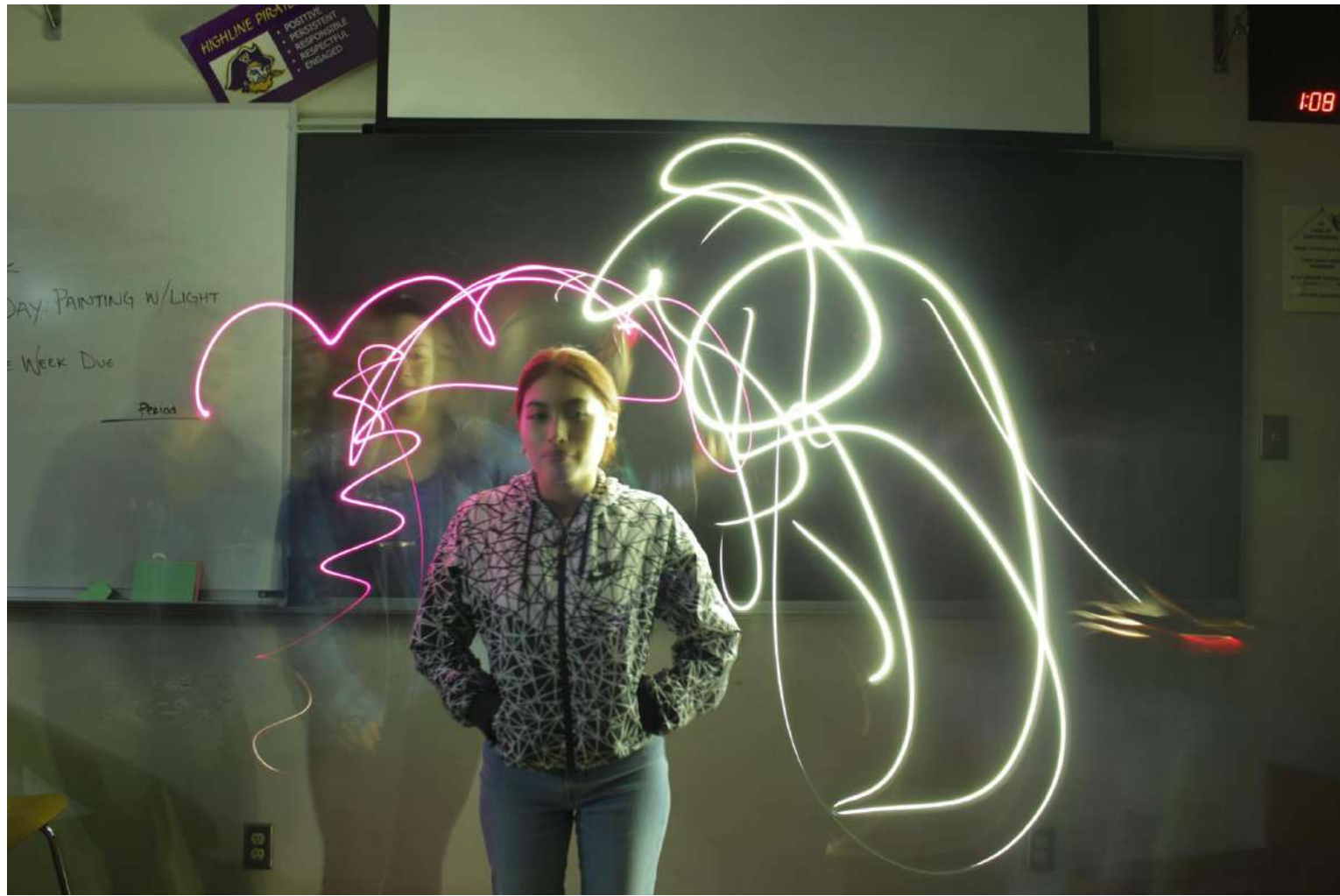
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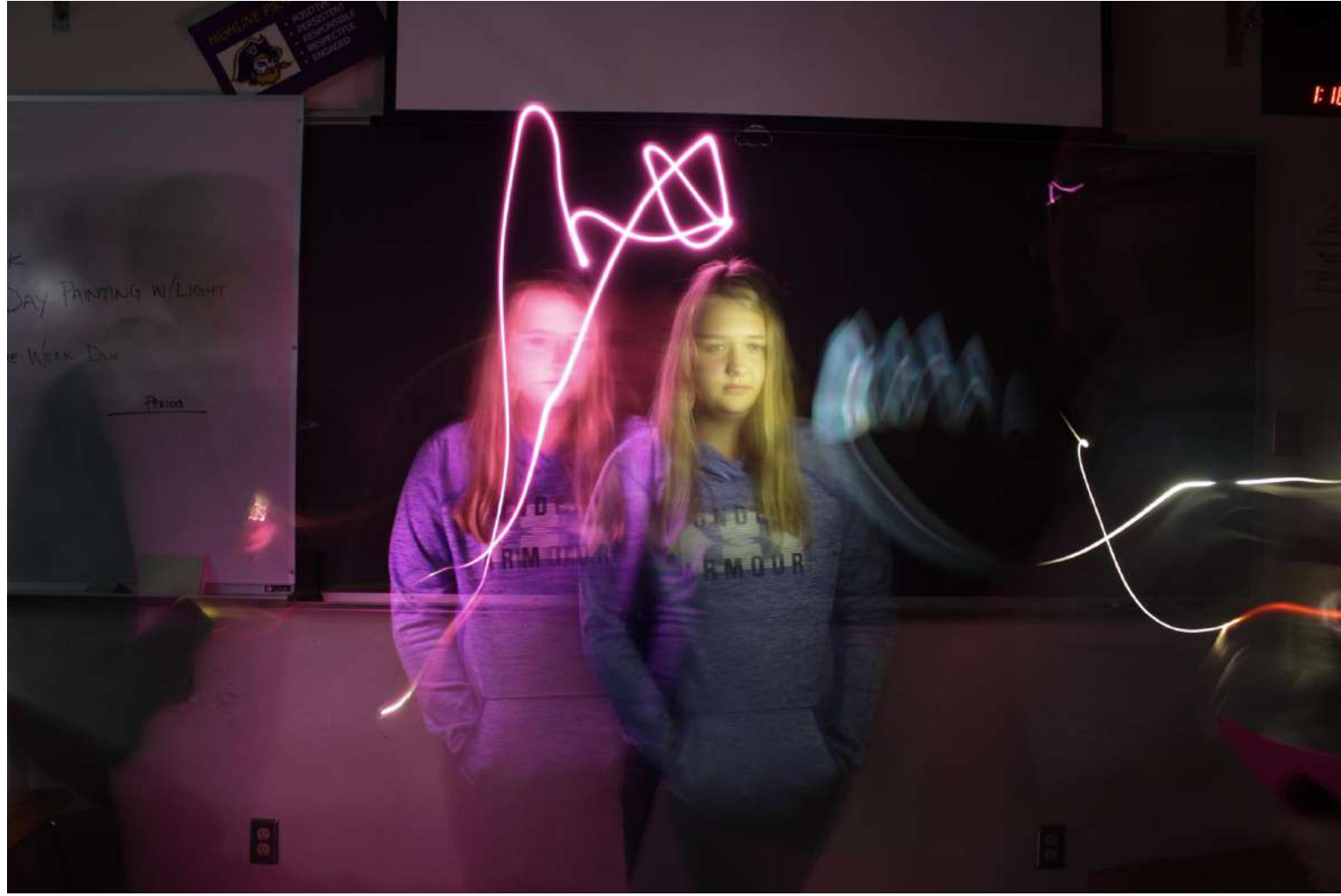
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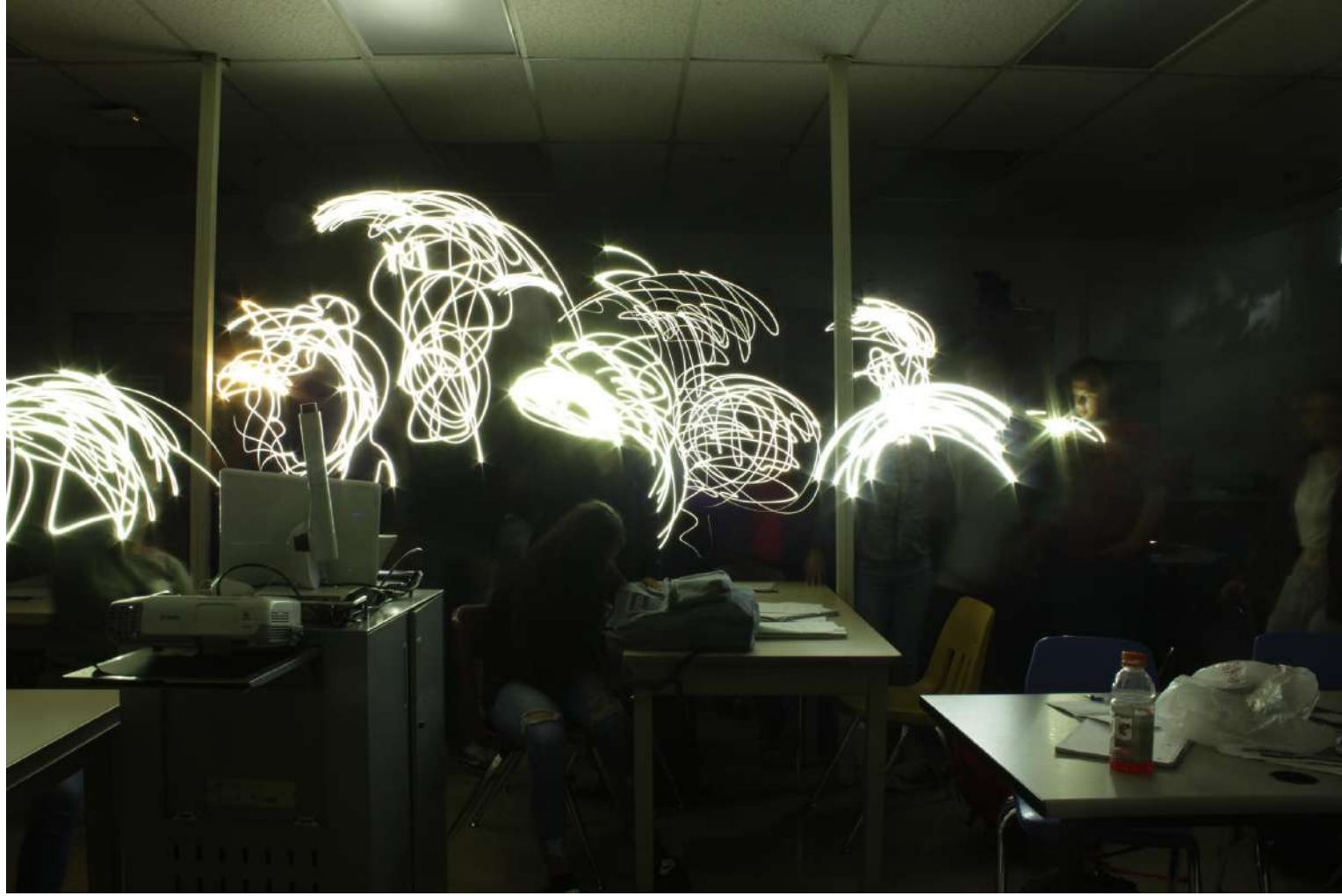
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