Elemental analysis

Equipment p.2

Camera Angles p.14

Elemental analysis: Equipment



Photo: https://www.kindpng.com/picc/m/109-1091525_google-pixel-4-xl-hd-png-download.png

Description:

A slightly out-of-date mobile phone from Google. Known for its good camera and easy customization because since it uses Android operating system.

Pros:

-Very good camera

Review: A great phone, but its age makes battery life bad, and it no longer receiving updates makes it more risky to use.

- -No longer recieves software updates
- -Old



Photo: https://store.google.com/no/?hl=no

Description:

A, up-to-date phone from Google. Known for its good camera and easy customization because since it uses Android operating system.

Review:

I love this phone as a phone, and it has such a good camera that I don't need to have a separate video camera, I can just use the phone. The ProShot app allows the camera app to save to a different folder than the native camera app does.

Pros:

- -Very good camera
- -Possiblity for 4K film
- -Very good phone otherwise

- -4K video files are huge!
- -Resist the temptation and just us 1080p

Lenovo ThinkBook

tirsdag 7. februar 2023

14:13



 ${\bf Photo:}\ https://www.lenovo.com/no/no/laptops/thinkbook/thinkbook-series/Lenovo-ThinkBook-14-IML/p/XXTBXTM8000$

Description:

Powerful, yet budget friendly laptop. In my case with an Intel i5 10th gen processor.

Pros:

- -Powerful enough to edit and export HD video
- -Very versatile, I can carry it with me wherever I need it

Review:

I'm very satisfied with this laptop, the only drawback is having a small screen, innate to actually carriable laptops. But plugging in a monitor fixes this problem.

Cons:

-Exporting 4K video does take a while, but 4K video is higher resolution than most YouTube tutorials really need.

1TB WD Elements Hard Drive

tirsdag 9. mai 2023

09:50



 $\label{photo:https://www.westerndigital.com/products/portable-drives/wd-elements-portable-usb-3-0-hdd\#WDBUZG0010BBK-WESN\\$

Description: A basic 1TB, spinning disk, external hard drive. Uses USB-B to connect to the laptop.

Pros:

- -Lightweight and portable
- -Quick response time
- -Ample storage space, even for hours of 4K video

Review:

This peice of technology is crucial to have for editing video. These files are huge and you don't want them filling up an internal laptop hard drive!

Cons:

 -A solid state drive would be more stable and less likely to break from a drop
-Must lay stable and not recieve shocks while in operation to prevent damage. tirsdag 31. januar 2023

16:08



Photo: https://vloggerkits.rode.com

Description:

Lamp, external microphone, and stand for mobile phone. Designed to be used by vloggers to easily make videos whereever they are.

Review:

I don't use any of these things besides the tripod for my H5 microphone to do the voiceovers. It was not enough of an imrpovement in quality to invest in it again, but better just to get the ring lamp right away.

Pros:

- -Very easy to use
- -Inexpensive

Cons

- -Too low quality to actually give useful footage for the cost
- -Tripod doesn't extend
- -Lamp is weak
- -Microphone is low quality

RØDE USB-C Microphone

tirsdag 7. februar 2023 14:13



Photo: https://rode.com/en/microphones/mobile/vlogger-kit-usb-c?buyitnow=

Description:

Simple directional microphone that connects directly into the phone

Review:

Not very useful, I kept having to take my case off to put it on, and the sound quality wasn't any better, just louder. In the future I might use it for recording background noise and sounds of crafting, but no good for voiceovers.

Pros:

- -Easy to plug in
- -Louder recordings

- -Sometimes need to change settings to use
- -Doesn't always work with a case on
- -Suprisingly poor audio quality.



Photo: https://rode.com/en/microphones/mobile/vlogger-kit-usb-c?buyitnow=

Description:

Phone clamp that works with most phones, even with a case on. Two mounting holes makes it easy to mount the phone in either landscape or portrait.

Review: I live this high quality grip for my phone. I'm never worried it will slip out, and it makes it easy to mount to anything. It also feels very high quality.

Pros:

- -Very good grip
- -Easy to use
- -Fits on to all smaller tripods and mounts that use 1/4" threads

- -Can be hard to unscrew if screwed on too tightly
- -Easy to accidentally clamp onto volume controls

RØDE Mini-tripod

tirsdag 7. februar 2023





Photo: https://rode.com/en/microphones/mobile/vlogger-kit-usb-c?buyitnow=

Description:

Small tripod with universal mounting screw. Used mostly to hold the Zoom H5 microphone for the voiceovers.

Review:

I never used it for filming, only for holding the H5 microphone during voiceovers. For the talking head segments I used the gorrila grip under the microphone.

Pros:

- -Stable
- -Collapsable and easy to store

- -Short
- -Hight not adjustable

tirsdag 7. februar 2023

14:13





Photo:

https://www.foto.no/westcott/123221/westcott-ledring-light-bi-color18-led-ringlyspakkeø-45cm-3200-5600k

Description:

Ring-shaped LED lamp that lights evenly and brightly, with color temperature and brightness adjustments. The included stand makes it easy to position it around the loom.

https://www.foto.no/westcott/123221/westcott-led-ring-light-bi-color18-led-ringlyspakke-ø-45cm-3200-5600k

Review: Easily lightling the scene with a strong, even light that can be placed where needed changes the game. The cheap feel of the plastic casings and cheap screws make it seem not entirely worth the money.

Pros:

- -Lights evenly and easily
- -Suprisingly cost effective since it comes with a stand

- -Creates very visible catch lights in glasses
- -Plastic casing and cheaply machined parts make it feel a bit cheap



-This set up creates very bold rings in my glasses

Zoom H5 Microphone

tirsdag 7. februar 2023 14:13



Photo: https://zoomcorp.com/en/us/handheld-recorders/handheld-recorders/h5/

Description:

Professional quality audio recorder. Sound is king in this world, and if you want people to have a good time while watching your videos they need to have good sound.

Review:

While this was one of the larger investments for this project it was well worth it for the better sound quality, flexibility, and reliability

Pros:

- -Excellent sound quality
- -Highly versitile with many inpu and output options

- -Not designed for voiceovers
- -Can be hard to remember to clap or snap for syncroizing to video
- -Can be hard to keep files sorted
- -One of the larger investments for this project



Description:

Flexable mount for cameras, micrphones, and other equipment. It can be bent and flexed around various objects like loom parts, chairs, and desk edges.

Pros:

- -Veratile
- -Nearly universal mount
- -Can be used in conjunction with the ring lamp stand

Review:

I used this all the time for some of the harder to capture up-close shots. Since the height wasn't adjustable it was very difficult to get establising, or wider-angle shots. Using this grip with the ring lamp stand made it easy to get all sorts of shots

- -Height not adjustable
- -Not always as grippy as you'd hoped

Elemental analysis: Camera Angles

All photos taken by author, William Riedlinger



Description:

Talking directly into the camera for intro or outro. Both times looking to summerize what's being taught and introduce the next topic.

-Ring lamp is turned away from presenter and light bounced off back wall. A bouncing board may be necessary.

Pros:

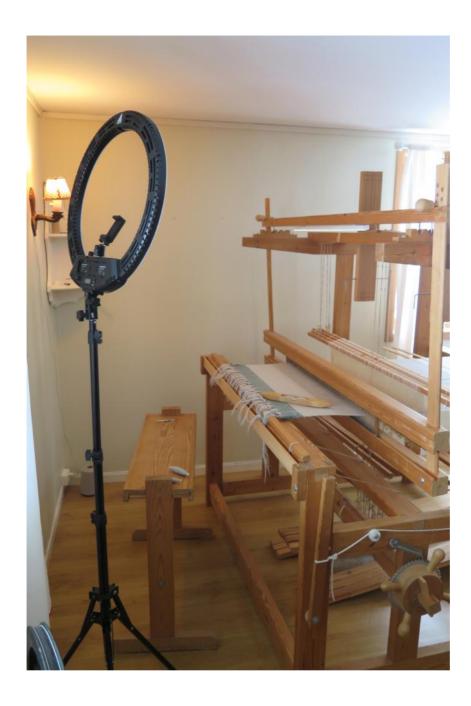
-This set up prevents bold reflections in by glasses

Review:

-This technique was a very nice way of filming the talking head sections with good lighting -Better yet is doing this on a bright, but overcast day, that way the window lets in as much light as possible, the ring lamp serves to even out the light.

Cons:

-Soft natural light would be even better



Description: Ringlamp and camera connected with a view of the hands of the weaver, shuttle and shafts. This provides a good view of the mechanism of the loom and how parts operate together. What it misses is the feet and how they interact with the loom.

Review: The biggest issue here is being able to know what the shot will look like after filming. Often you move the camera when getting out of the loom.

Good visibility of the act of weaving

Cons: Can't see feet and treadles Easy to block camera with shoulder

Hanging from loom

tirsdag 7. februar 2023 13:41



Description:

Using the loom itself as a frame for supporing the gorilla tripod the camera is on. Using the sides and crossbeams of the loom the camera can be mounted to view different angles and capture otherwise difficult to access angles if only using a tripod.

Review: While this seems like a good idea it can be hard to find angles that actually capture what you're trying to capture. Often it feels like the camera is at too high or awkward an angle for good filming.

Pros:

Cheap and easy Interesting angles made possible Great for talking head segments while sitting at the loom.

Cons:

Often slightly awkward angles Few truly useful angles



Description:

A view of the treadles as they are being actuated. This angles shows the movement of the weaver's feet between the treadles. The goal of this angle is to make new weavers aware of how to easily navigate between treadles and how to use both feet to increase weaving speed and reduce mistakes.

Review: I wish I could get a higher angle on this shot. Maybe I just need to retake some shots using a different set-up

Pros:

- -Makes use of the loom's natural open construction while filming
- -Shows clearly the movement of the feet

- -Mirrored to a new weaver's movements
- -A slightly awkward angle for the viewer

Warping Mill angle 1

mandag 20. mars 2023

10:09



Description:

A basic view of the warping mill in the corner of the room with the camera mounted to the ring lamp.

Review:

The shadows that result from this angle are not very pleasing and make the angle awkward. Separating the camera and light make for a better set up

Pros:

Easy angle to set up and set the camera at

Cons:

Harsh shadows can result The angle of the light seems off

Warping Mill angle 2

mandag 20. mars 2023 10:13



Description:

Similar angle to before, this time moving the light to the left to create shadows that do not fall directly behind the objects being filmed, but to the right of them. Chair used as camera tripod.

Review:

More-or-less every camera angle could make this destinction, but by separating the light from the camera I can control much more precisely the look of the final shot.

Pros:

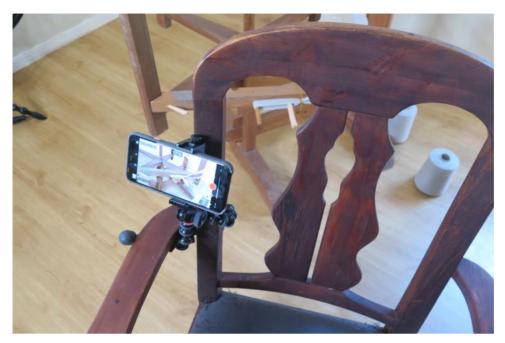
- -Better lighting
- -More comfortable for the viewer

- -Using a chair means only one height for the camera
- -The need for separate light and camera mounts

Counting warp threads

mandag 20. mars 2023 1

10:23





Description:

Both angles are trained on the cross pins of the warping mill. These angles are used to show how the warp threads are to be counted while on the mill. They also show

Review:

The higher angle is the better of the two. The lower angle makes it too easy for hands to get in the way. The chair is the perfect height for this use.

Pros:

- -Easy to set up
- -Separates camera and light

Cons:

-Low angles can allow hands to block the action

Rattle-reed angles 1 & 2

mandag 20. mars 2023 10:39





Description:

Filming putting the warp into the rattle-reed. Again separating the light and the camera. This angle did involve moving a lot of furniture. The second angle is a close up version of the first, it also uses to microphone to pick up the sounds of this type of work.

Review:

For this shot I wish I had had a dedicated camera tripod.

Pros:

-Improved lighting by separating camera and light

- -Low camera angle relative to object
- -Use of book as weights is distracting for the eye

Rattle-reed angle 3

mandag 20. mars 2023 10:47



Description:

This angle shows even more of what's going on during this process, even if it doesn't show it from the weaver's perspective. This type of angle allows a new weaver to understand what happening both behind and infront of the reed, this type of shot design provide greater understanding of the crafting process.

Review:

I like this angle a lot, it gives a clear idea of what's going on during this process.

Pros:

-Allows greater understanding

Cons:

-Not from weaver's point of view

Dressing the Loom

mandag 20. mars 2023

10:56





Description:

Both angles are capturing the dressing of the loom. The one to the left showing the action going on infront of the loom, and the one on the right showing the action behind the loom. At the beginning of dressing most action is happening at the front of the loom. The latter part of dressing mostly takes place behind the loom, thus these camera angles are used at different times during the process.

Review:

Even with the reduced control over the lighting by keeping the camera and light together I was able to get the angles (and height) I needed to capture the action. Again, I wish I had a dedicated camera tripod.

Pros:

- -Enough height to capture action
- -Good lighting on the action
- -Microphone also directed at action

- -Light and camera together
- -Poorly lit background

Changing the cross

mandag 20. mars 2023

11:12



Description:

Low camera angle for good view of changing the location of the cross. This angle is necessary so the viewer can have a clear view of what what the threads look like as the sticks move about, and how to check for hanging threads.

Review:

The over-lighting of the foreground is very off-putting, but showing this critical transitional moment is necessary if the new weaver is going to get beyond this step.

Pros:

-Good view of action

- -Overlit forground
- -Underlit background

Hanging weights

mandag 20. mars 2023

11:31



Description:

This angle shows the water bottles as weights on the warp. In this particular image it's clear how much of a difference good access to natural lighting makes while filming videos like this.

Review:

This angle made it easy to work undisturbed (as it not needing to think about head and hands getting in the way of the camera).

Pros:

-Clear view of the action

Cons:

-Light and camera together, reducing control over lighting.

Threading, over shoulder

mandag 20. mars 2023

11:36



Description:

Over the shoulder shot of threading the loom. Camera mounted in the lamp.

Pros:

-Good overview of the action

Review: This angle provides a good view of the action of threading, as there's a number of objects interacting here. However the distance can make it hard to see clearly what's going on.

Cons:

-Somewhat hard to see clearly the actions being performed

Threading close up

mandag 20. mars 2023

12:01





Description:

Two ways of getting closer to the action of threading the loom. In the top image the camera and lamp are separated, the camera making use of the loom frame to allow for better control of the lighting. The lower image allows viewers to see from the side of the action that is clearest.

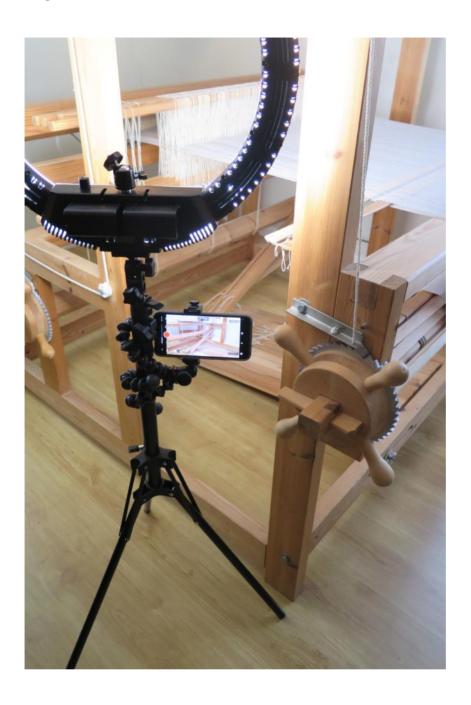
Review:

This angle works well, but the weaver must be careful to not let their hands get in the way.

Pros:

- -Improved lighting
- -Clear view of the threading
- -Correct angle of viewing

- -Hands can easily get in the way
- -Foreground and easily be overlit



Description:

Using the body of the tripod to get an angle I couldn't if the camera was mounted in the ringlamp. This prevents the dramatic overlighting of the foreground by diffusing the light through the warp threads. This angle could have helped during filming of the moving of the lease sticks.

Review:

A creative use of the mounting equipment I had at hand that solved problems with overlighting and camera placement.

Pros:

- -Isn't overlighting the foreground -Captures the action of tying down the countermarch clearly
- Cons:
- -Can be very difficult to reset to if you have to move the camera or light between shots -Could have used a better close up solution for showing the tying of the knots

Placing sticks, close up

mandag 20. mars 2023 12:36



Description:

Low-standing camera mounted in ringlamp, lamp using battery power.

Review:

Because the sun was going down and the natural light disappearing it was quickly getting to dark to have balanced lighting between the foreground and background, giving this shot and eerie, paranormal feel.

Pros:

-Clear view of how the sticks to separate the fabric are to be placed.

Cons:

-Overlit foreground