THE SELVING A BUTTON

Arts and Crafts

Four different ways to make photobooks!

Weddings

Paul Chilton tells us about his time as a wedding photographer

Monocular

Should you buy a monocular?

Quiz

Do you know who invented the Polaroid Instant Camera?

Paul Chilton

Retired photographer, Paul Chilton, tells us about his experience as a wedding photographer

Andrew Burrell

Technology nerd buys yet another gadget for us to review



4 DSLR Alternatives

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Special thanks

Alex Hodgkins-Jor Andrew Burrell Andrea Burrell Paul Chilton Amy Wilkes James Cunliffe Mike Pooley Dayle Crutchlow Fujifilm
Free Prints
Instagram
Black Lives Matter
Light Up Leicester
The Photography Show
Pexels
John Morgan
Hazel Simcox



Alternatives

The Best Phones For Photography

Following up from the 2019 edition of the best phones for smartphone photography, we have the updated 2020 version, with a whole new list of phones that are all amazing in their own, unique ways.

Miami Mi Note 10 - We've listed this phone at number five due to its record-breaking pixel count, packing more pixels than any other smartphone. The Mi Note 10 uses quadpixel technology and has a 108MP sensor for jaw-droppingly detailed shots. Despite its wide choice of focal lengths, being loaded up with shooting modes, and having plenty of detail from the main camera, the Xiaomi Mi Note 10 has a mid-range power, no expandable storage, and the main camera is the only true quality camera.





Samsung Galaxy S10 5G - The Galaxy S-series has always been a favourite for its camera quality, and the S10 5G is no exception.

All four cameras perform fantastically, with desirable wide, ultrawide, telephoto, and time of flight features. The S10 5G has an excellent camera, stunning display, and is futureproofed with 5G.

Nevertheless, it has a mediocre battery life, the phone can get hot, and 5G is still relatively new.

Huawei P40 Pro - Huawei has always had top-quality hardware - the Huawei Mate P20 Pro made second on our list last year. The P40 Pro has a 50MP Leica camera module, a great lowlight performer, and is great for 4K video with both the front and back cameras. The downside is its lack of Google and the less than ideal quality of the 50x zoom.



Despite its lack of 5G as of yet, and its frankly unambitious specs, this spot goes to the iPhone II

Pro due to its triple-camera array, consistent image quality that never looks over-processed, and it brilliant for travel photography, The regular iPhone II is cheaper but lacks the 52mm telephoto lens.



Samsung Galaxy S20 Ultra 5G - The Galaxy S-series gets another spot on this list with its S20 Ultra smartphone for its 108MP primary camera, up to 100x zoom, and 8k video. Similar to the S10 5G, the S20 Ultra 5G is also future-proofed. However, the battery life is an issue, the 8k video comes with caveats, and the 100x zoom has limited use.



Our winner for 2020 has got to be the Apple iPhone 11 Pro for its amazing image quality and telephoto lens. This phone is especially great in portrait mode with its 2x telephoto, and a f/1.8 lens aperture allowing a wider, brighter, and sharper finish.

Alternatives

The Fujifilm Instax Mini

n 2016, I was given the Fuiifilm Instax Mini 8 for Christmas. It's a cute little battery operated. point-and-shoot camera that I absolutely loved despite the Instax Mini 9 coming out just three months later. Okay, I might have been a tad jealous when my friend got one, but the only real difference is the built-in mirrorr located next to the lens for selfie purposes. I've had the Instax for four years now, and whilst it doesn't get much use these days, it's still a very cute way to print your memories. If I'm going somewhere special with friends, I'll take the camera - and a spare box of film, knowing they'll all want their own copy. Luckily, the camera has a film counter to show how many photos you have left before you need to change the film. My favourite thing about



it is that you can buy film with cool, colourful borders on or make your photos black and white with monochrome film. The Instax is just a bit of fun, really. It's a nice change from using your phone or camera to take photos with, not to

mention cheap and easy to use.

There are icons to help you choose your camera exposure but everything else is automatic, making it quick and easy to snap a photo and just as quick for the photo to develop. Basics are beautiful

THE ONLY 'UNHACKABLE' CLOUD.



THE NEW VIEW

The Mighty Mirrorless

irrorless cameras are all the rage in photography today. They're becoming more and more popular with photographers due to their slimmer, lighter bodies and super high-quality display.

The fujifilm's mirrorless camera, the Fujifilm X-T3, came out in September 2018, promising a new standard in mirrorless cameras.

Fujifilm promised a "high performance premium camera that will become an inseparable partner in your artistic journey." They also promised that the camera "has been designed to completely satisfy all your photography and videography needs." But did it deliver? One Reddit user, said: "Eye priority of is amazing and the first time since moving from manual focus with any body that I trust anything other than

center point af focusrecompose method. It's fast, weather sealed, solid as a rock, and the best option for being future proof since it'll get firmware updates for the longest."

Another said: "The X-T3 is a speedy, competent camera with tons of power and buckets of quality. It's better in low light than I expected, focuses much faster than the DSLR I used previously, eye focus is brilliant in the new firmware, and everything just feels so good.

"Occasionally I find that I didn't press the shutter hard enough to stop recording so my video clip is longer than necessary. Biggest complaint I have. If I could only have one camera right now it would be the X-T3."

The X-T3 mirrorless - and mirrorless cameras in general - live up to the expectation and are

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considered the future of photography with their extra features, and more compact body. Despite having smaller sensors, fewer accessories when compared to DSLR. and tend to be more fraaile due to it's small nature, the mirrorless camera more than makes up for these with it's lens adaptability, choice of model, electronic viewfinders, and it's portability and weight.



THE NEW VIEW THE NEW YEW



emember looking through your parents photo albums and thinking it was a great idea to print off your memories? Remember thinking that you were going to print off all your memories of your wedding and other precious memories? With Free Prints, it super easy to do. Free Prints lets you print any photo you want from your phone for an

amazing price! Just pay delivery for your first 45 photos (meaning up to 500 photos a year!) - If you want sizes other than 4×6 or duplicates that'll cost a bit extra. Delivery starts at £1.49 but never costs more than £3.99! I've enjoyed all their other apps, too, including Free Cards, where you can personalise your own card or postcard. My first card was £2 (usual price is £4)! That's

cheaper than most other card personalisation companies! My favourite app of theirs is the free photo books, printing 20 pages of my favourite photos for £6. I like to use Free Prints for printing both my photography work and my favourite pictures and memories.

How do I order?

It's simple! Just download the Free Prints app,

choose your photos. and check out! You can choose photos from your phone gallery, Facebook. Instagram, Dropbox, or Google Drive. The photos will be printed on Kodak or Fuji paper and delivered straight to your door in just days. Free Prints is super quick. cheap, and very reliable.

Why should I print my photos?

It's great to be able to get a memory box out

and look back at all the things you did in your youth, or remember all your child's milestones. I know, that's what your phone is for, right? But, god forbid, you lose your phone or there's an electro-magnetic storm that wipes out everything. Printed photos allow you to preserve your memories forever. You can frame them or store them in a memory box for safe keeping.





t's becoming increasinaly easier to become famous online now with the inventions of Facebook, TikTok. YouTube, and Instagram. Here are five tips to aettina more followers and recognition with your photographs on Instagram. Firstly, do what you love and stick to it. If there's a specific genre of photography, make your page predominantly about that - but don't forget to keep your own personal touch and unique style. If you enjoy Photoshop, make some creative images and share tips for your followers to learn Photoshop, You'll get followers who are also interested in similar things if you use the right hashtags. As well as sticking to a theme. use popular hashtags and use a lot. We also recommend that you use a few uncommon

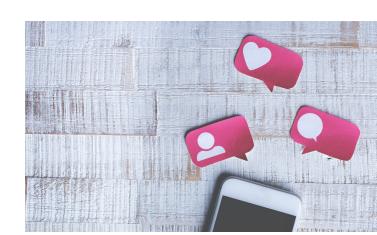
hashtags so you'll definitely be seen. Only use hashtags that relate to your photo! Post regular, high-quality content. It's important to post regularly to stay on people's Instagram feeds and a areat post ensures likes and comments. For more active followers. interact with them by replying to comments and make your own comments on other people's posts. Tell them they're doing a great job or give tips to make their work even better. Make sure you can accept criticism yourself, too! Instagram

can be a areat tool to learn new tricks, meet fellow photographers, and get feedback on your work from fellow creatives If you make your account a business account, you can see the geographical locations of your followers and decide when the best postina time is. It's all about when your followers are most likely aoina to be online to see it. This can help you post regularly by setting up a time of day to post. Promote your best, most engaging content and

your other social media. and a website if you have one. Make sure everyone can see that you have Instagram and are active. Get other accounts to promote your page. Collaborate with fellow creatives or brands to get your name out there. Be aware of haters. No matter how many people love you or your content, there will always be people out there that don't. Some people will voice that they don't like your content. That's okay. Some people will give constructive criticism and that's areat! Some people will just hate what you do. That's okay, not everyone has to like your work. All that matters is you like your content and are proud of it. Don't get swept up in trying to please everyone else. The most important thing is to have fun and post

what you love.

include your page links on





THE NEW VIEW



our wedding is one of the most important days of your life, and the capturing of that memory should never be taken lightly. You need a professional wedding photographer, not a friend of a friend whose sole qualification is that they own a camera. A licensed, professional

wedding photographer, whilst costs more money than this friend of a friend, will use high-quality equipment and their experience in documenting people's special day to capture even the smallest details of your wedding. While the friend of a friend may be prepared technically, they may not

have the experience required to tell the story that is your wedding day. Paul Chilton, now retired, started his own photography business at age 51 and worked professionally for 10 years. He told us: "when I was working professionally, I used to limit myself to ten weddings a year because they're quite

Wedding Photography With Paul Chilton



difficult.
"I used to do some wedding fayres where I'd have my pictures up and have a slideshow running. People would come up to me and I would engage in conversation. I said to one lady: "have you picked a photographer yet?" She says "oh, I don't need one." "How come? Don't you want any pictures?" "Yeah but my

brother's act a camera." and I said "I could buy a guitar the same as Eric Clapton - a brilliant rock and auitarist in the 60s or 70s - but can I play it?" It's the same with a camera. If you stick it on auto, you'll never get the pictures you want." It is also a good idea for you and your client to develop a professional. trusting relationship with. Make sure that you, as a photographer, know exactly wants and expets from you.

"I'd probably meet the couple at a wedding fayre and they'd ask how much I'd charge," says Paul Chilton, who began his journey into photography at just aged seven, working in a small darkroom with his father.

"I'm quite happy, free of charge, to come to their house and talk about what they want in terms of a look. I want them to have the best pictures I can get of what they want."

Professional wedding photographer based in Nuneaton, Robert Tysall of Tysall Photography says: "I understand that life is hard and people try to get the best deal that they can. But I have heard of many horror stories where their precious photographs are lost due to unfortunate circumstances or the incompetence of the photographer. "There is more to this kind

of photography than just clicking the camera."

If you're planning your special day already, contact your local professional photographers or maybe even visit a wedding fayre to scope out your options.

Tips



Using the D-Word

f there's one thing I take away from my photography classes in college, it's that the D-word is forbidden! The D-word, or the delete button on the camera. should never be used. Never, ever delete an image you haven't seen on your computer. Never delete an image you think isn't good enough or your muse is just out of shot; it may just be better than you thought. Sometimes,

the photos we take by mistake or at the wrong time might just be your best photo of the entire shoot.

There have been plenty of times I deleted a photo because the muse is just out of frame but looking back, realised it was still a very cool picture.

Of course, if a photo is

Of course, if a photo is blurry, or the exposure is all wrong, there may not be much point in keeping a photo but always look

through all of your photos, see if incorrectly exposed images are fixable or if Photoshop can save the day, before you even think about using the D-word. Remember, if you're running out of storage space, buy more! Don't delete your precious photos. So, always remember, whether you're on a photoshoot, editing your photos, or running out of storage space: stop using that D-word!







The following photos were taken at a Black Lives Matter silent protest in Nuneaton, England.

Whilst this protest was a peaceful one, it's always important to be prepared in case something happens.



Protest Photography

f you're interested in photoiournalism or documenting the world through your lens, photographing a protest is a great idea. However, being right in the middle of a protest can be dangerous or intimidating. In light of the Black Lives Matters protests, here's the best tips we have for staying safe at a protest. For the best photos, it's important to stay close to the action but it's advisable to wear a media jacket so police know who you are, or stick to the other members of the media if violent

action breaks out. It's also advisable to know where you are and all of the exit routes in case of an emergency.

It's important to be everywhere during a protest. There's always something to be captured and you need to keep an eye out. Watch out for other photographers, but establish your own visual space.

You'll be wanting to capture everything around you so it's important to be prepared. Bring whatever lenses you have, multiple SD cards, and a spare battery,

or two. Remember, the most important scenes to capture are the ones full of raw emotion. Shoot everything but always keep an eye out for what's going to be the most memorable shot. Don't forget, if you've studied the layout of the place you're in, you should know where you can get roof access for a bird's eye view, showing how many people are actually there. Most importantly, stay safe and prepared. Keep your gear close to you, watch out for roque placards, and stay hydrated!



Crafts

DIY Photobooks

Here, we will look at how to make four different types of photobook. A Zine, a Japanese Stab Binding Book, a Booklet, and an Accordion Photobook.

he Zine is one of our favourite photobooks for being so easy. You will need: A3/A4 paper, bone folder, scalpel, Photoshop, cutting board.

Now, you just need a Zine template

I recommend A4 or
A3 size paper for this,
depending on the size
of the booklet you want.
The book will be the
size of the paper you
used folded four times.
I'll be using A4. I don't
recommend using smaller.
Using the template, add
your chosen photos to
the page in the order you
want them.

I'll be using landscape photos of my Black Lives Matter, with portrait photos on the front and back page.

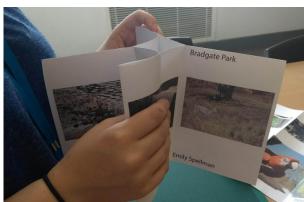
You can delete the template after to remove the lines.

Once you've printed it - it can be tricky to get the lines perfect. I tend to cut off the side with a guillotine for easy results. Fold the paper so you

have eight sections, along the template lines if you kept them.

Placing, your paper on the cutting board, cut a slit in the paper in the middle across the two middle sections, where photos one and two meet five and six. Fold the paper backwards across the same line and push them together to form a cross in the paper. Fold the paper into a booklet, keeping the front cover on the front.





This tutorial will show you how to make a Japanese Stab Binding Book.

You will need: Paper, needle and thread, scissors, binder clip, ruler, pencil, awl (or another kind of sharp pin tool)

Choose your photos. Print off your images to be centre paged and print to whatever page size you desire.

To keep the papers even, clip them together with a binder clip.

Get your thread and run it along the height of your book for measurement. Do this three more times so your thread is four times the height of the book. Cut the thread. Thread it through the needle, ready for sewing stage. Using your ruler and a pencil, mark four evenly laid out sewing stations. We'll call them station one. two, three, and four. Using your awl, pierce the sewing stations all the way through to the last page. Thread your needles and tie a knot at the end.

To bind, begin at station two the side of the back

cover.

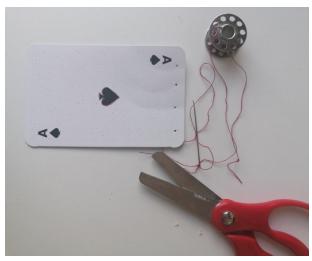
Pull your needle through the station and wrap your needle around the spine and back through station two.

Wrap the needle around the side to front cover and go through station one. Then go through station two and then station three and station four.

Wrap the thread around the spine and back through station four. Wrap around tail to front cover and go through the stations back the station two and tie the two thread ends together in a knot and cut the ends off.

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This tutorial will show you how to make a Booklet.

You will need: colourful card, bone folder, long arm stapler, paper.
This one is the simplest one out of the four, perfect for beginner crafters.

Before folding the paper, the layout of the photographs need to be decided, whether they are printed or glued on to the paper. I'd recommend printing for a more professional look - make sure you print them evenly

and in the order you want them.

Fold a piece of card in half with a bone folder. chose a yellow piece of card for my cover to fit with the photo theme of yellow lines on the road. You need to choose how many photos will be used and how they will be displayed within the book: a photo every other page, a photo every page, two photos on one page, a photo spread over a double page, etc. After that is done, you will know how many pieces

of paper you will need. Fold the paper in half, using the bone folder for accuracy and neatness.

Fold each paper separately for that professional, neat finish. Staple the pages and card together with a long arm stapler.

Then, if you haven't already, glue the photos

Feel free to add your own personal touch by bubble-writing or drawing a picture on the front cover to entice people to pick up your book.

Our final tutorial is the Accordion.

You will need: Bone folder, scissors, ruler, scalpel, brush, book boards, book cloth, paper, glue.

Using your book board as a size guide, cut the book cloth so that it measures one inch larger all around.

Using your brush, glue the cloth and carefully place the board in the centre of the book clot, pressing down using the bone folder to ensure smoothness.

Diagonally cut all four corners of the book with your scissors.

Glue the long sides down first, using the bone folder to make sure it's smooth and secure and that the corners aren't sticking out. Glue the shorter edges down and repeat for the back cover.

Fold one of the strips for paper in half and fold one edge backwards towards the initial fold.

Flip the sheet over and fold the edge back towards the initial fold. Repeat this for your other strip(s) of paper so that they look like "M"s. To connect the strips of paper, cut off one fold one of the papers. keeping two inches on the end. Glue the other piece of paper to the "hinge". Glue the paper to your covers, using the bone folder to smooth it down and stick in your photos.













f you read last year's magazine, you might remember our article all about drones.

We visited the old cricket field and let the drone fly up into the sky to capture a unique bird's eye view angle.

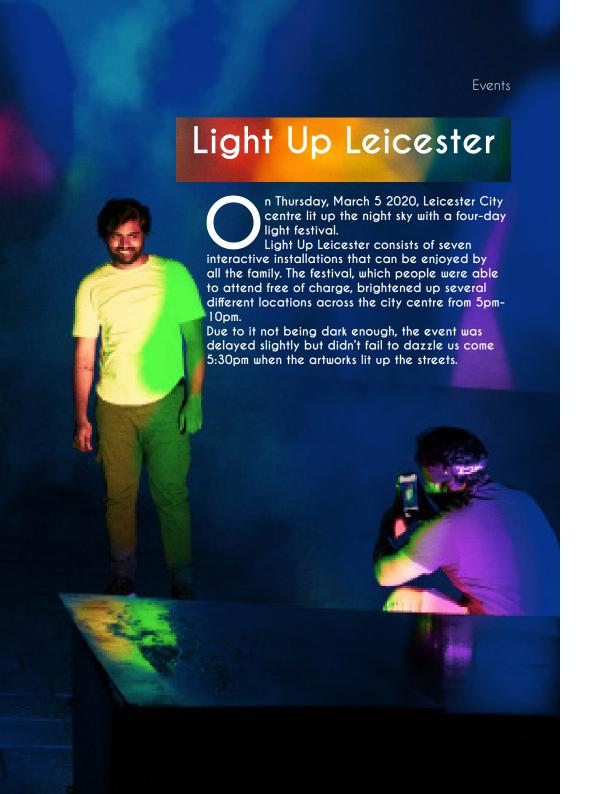
Well, we're back in the cricket field but with a new gadget: a monocular. Luckily, the bag for this isn't anywhere near as big as the drone's backpack! A monocular is basically a modified telescope

used to magnify far away images.

What started out as a £20 toy quickly turned into a £150 purchase, so it had better be worth it. This monocular has a view of 20-60x and you can hook up your phone or camera to share your findings with your friends and family.

So far, so good! Dad's been taking it to Wales every week to play around with at the beach (does this mean

his dronina days are officially over?) and is in the process of talking his dad into buying the £20 monocular to view the already visible birds from his window. Whilst he's super impressed with the zoom quality, I hate to remind him that looking at a house's security system far beyond the field is probably not the best usage for the monocular





Failing to stick to the Light-Up guide, we started at artwork number seven: Shadowdance. Shadouidance was a colourful installation created by Impossible Arts - located on Green Dragon Square, inviting people "to pose and cut interesting shapes as the installation blends colour and light on the walls". Admittedly, I believe we spent more time playing with this installation than any of the others and would have stayed longer if I had my way. Then we iumped backwards to art





installation number two. which was located at Humberstone Gate. Wave-Field, created by Lateral Office (CS Design and soundscape by Mitchell Akiyama), was a child-friendly light display. The installation attempted to transport adults back to their childhood and help them "rediscover the magic of play!" Adults and children alike were able to play on these playgroundinspired pieces of art and watch as it "burst into sound and light." This installation was definitely one of my favourites, and

undoubtedly many others. Next up, we walked to Orton Square for the fourth installation: Youth Culture by Stanza. This sculpture, a bit further away from all the rest was a much-loved installation by the children as they were able to see their faces reflected and decided to do little dances for their parents and their own amusement. The installation, which is supposed to represent a hooded youth, "visualises data and reflects audience interaction usina cameras, screens, and technology built into

the sculpture." The next one we found was the fifth installation. Wave by Squidsoup, which was located at St Peter's Sauare. Another favourite of mine, and we must have spent just as long here as Shadowdance, if not longer. I was absolutely mesmerised by the the musical balls of light that sung and danced beautifully. The guide describes this magical installation as "500 points of light, 500 voices, interconnected using Internet of Things technology and acting in harmony" to create a series of immersive environments. Making our way to the

beginning of the city-wide festival, we went to the first installation at Jubilee Square. Unexpected Connection by Eccentric Events was "an interactive LED tunnel", that allowed people on either end of the tunnel to stand on a pressure sensor, revealing the person on the other side of the tunnel, initially hidden via a smart alass. or as the guide describes it: "to unexpectedly bring people together." The final installation, or the third according to Light Up Leicester's guide, is Shoefiti in Silver Street. Shoefiti, an interestina art piece created by Deepa Mann-Kler, is described in the guide as "a playful twist in an



is based on the global shoe tossing phenomenon of the same name. These colourful shoes hang off strings attached to the surrounding buildings, and were very interesting to photograph and simply look at. "Deepa's dangling LED trainers shine a light on this curious act of urban rebellion." Unfortunately, we had to miss out on Mateus Domingos's installation at Leicester Market - named Traces - due to initial technical difficulties, but seemed to work later that night.





Traces, as well as Wavefield, and Shadowdance are brand new installations, meaning we were one of the first

members of the public to view and interact with theml It truly was a spectacular niaht, full of fun

and photography opportunities, and I do hope the pretty lights return next year.

THE NEW VIEW

Events

Cancelling

Photography Show



20 & 21 SEPTEMBER 2020 VIRTUAL FESTIVAL

ver since lockdown began, endless events and trips have been cancelled for our safety but the one l've been most bummed about is the 2020 Photography Show that was supposed to take place at the National Exhibition Centre

(NEC) in Birmingham between March 14-17. Before the governments advice regarding mass gatherings were announced, concerns were raised by members of staff about the large number of photography enthusiasts (estimated at over 30,000 spread over

the four-day event) that would be attending. The show organisers remained optimistic that the pandemic would end sooner rather than later and announced the new dates of September 19-22.

However, that wasn't the case as the lockdown





remained in place for several months. In early June, the decision was made to cancel the event entirely, with the promise of transferable tickets to the 2021 event and a free virtual event taking place in 2020, instead. Jonny Sullens, head of events at organising group Future, told Digital Camera World "While we believe that there's nothing quite comparable to the benefits of the live show, we know that the decision to take The Photography Show & The Video Show online this year and return to the NEC in 2021 is the best solution for our community during these unprecedented times. "Of course, we're very disappointed not to be making the annual trip

to Birmingham, but we're really excited about what the virtual event can offer. The virtual platform we're using is incredibly versatile and provides us with a fantastic opportunity to try something new, showing off photography and video in a different way. We look forward to seeing everyone in September, albeit virtually!"

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Registration for the "Virtual Festival" is now available on the photography show's official page, and all purchased tickets for the 2020 show will be transferred for usage at the 2021 show.

Whilst I am truly saddened at the cancellation of this event, I look forward to being able to attend next year.



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What the F-Stop?

1. When Was the First Colour Photograph Taken?

- a) 1823
- b) 1877
- c) 1861
- d) 1912

2. What Was The First Subject of the First Photo Uploaded to Instagram?

- a) A dog near a taco stand
- b) Somebody's dinner
- c) A selfie
- d) A sunset

3. When Was Photoshop Invented?

- a) 1994
- b) 1987
- c) 1980
- d) 1992

4. What is the actual measurement for a single frame is 35mm film?

- a) 36mm x 24mm
- b) 35mm x 35mm
- c) 40mm x 35mm
- d) 35mm x 24mm

5. What is the amount of light or darkness on a photograph known as?

- a) Aperture
- b) Contrast
- c) Exposure
- d) White Balance

6. A tripod is a necessary piece of equipment for night photography

- a) True
- b) False

7. Who invented the Polaroid instant camera in 1948?

- a) Koyata lwasaki
- b) Johann Zahn
- c) Faustus Polaroid
- d) Edwin Land

8. What did Disney ban from its theme parks ofter safety concerns in 2015?

- a) Big, chunky lenses
- b) Tripods
- c) Selfie Sticks
- d) Goofy

9. What is a macro lens used for?

- a) As a lighter camera lens to carry
- b) For extreme close ups
- c) For great bokeh images
- d) For black and white images

10. Which super hero worked as a photographer for the Daily Bugle?

- a) Spiderman
- b) Superman
- c) The Hulk
- d) Supergirl



10. Spiderman

9. For extreme close ups

8. Selfie Sticks

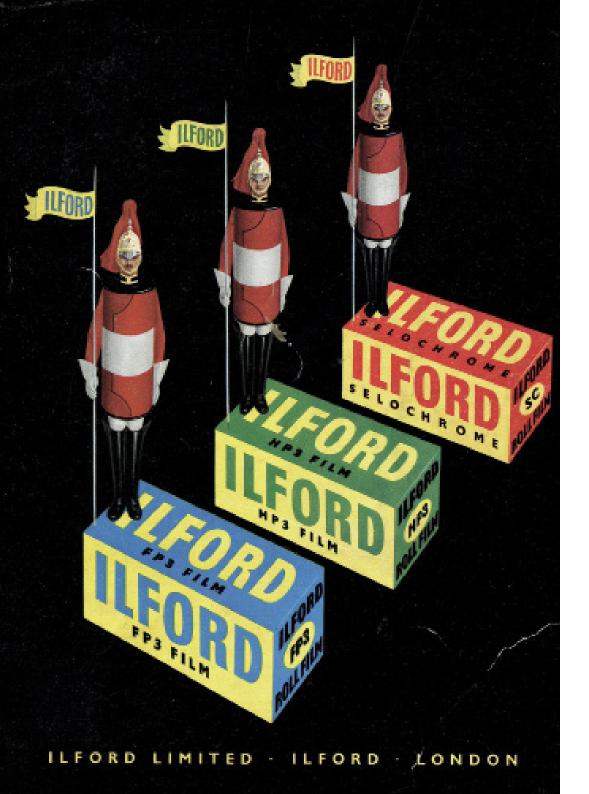
/. Edwin Land

5. Irue 5. Exposure

4. 36mm x 24mm

2. A dog near a taco stand

1981.1 **ANSWERS**



The first photo uploaded to Instagram!



