COMPOSITION USING THE GRID

ESSENTIALS: DAY 21



DONOW:

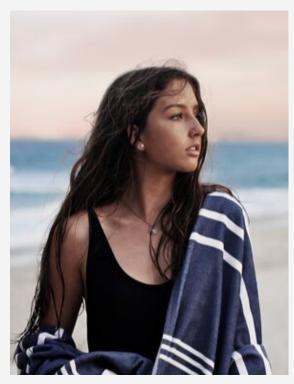
Look at your content and write down the orientation of your dominant photo and number of horizontal and number of vertical images. Download the images in a folder together to your documents folder.

PS: Some photos will work vertical or horizontal, Make a note them too.

REMINDER:



HORIZONTAL



VERTICAL

OBJECTIVES:

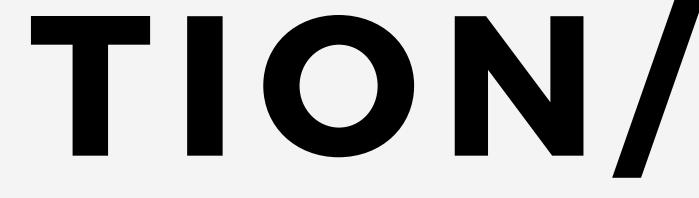
You'll learn the essentials of layout and grid theory used by designers to create effective compositions.

You'll practice applying grid techniques by sketching layouts for various content.





arrangement of visual principles of art/design



Placement, organization, or elements according to the

COMMUNICATE DECORATE



design is about telling a story

things to consider: Andrew Bencsko Consider the narrative of the section you

are designing-how can the images be arranged to help tell the story?

Does the composition of the spread have a sense of unity?

Consider lines, shapes, and even the subject of the photos to help move the viewer's eye throughout the composition.

PRINCIPLES OF DESIGN

Balance

Unity

Contrast

Emphasis

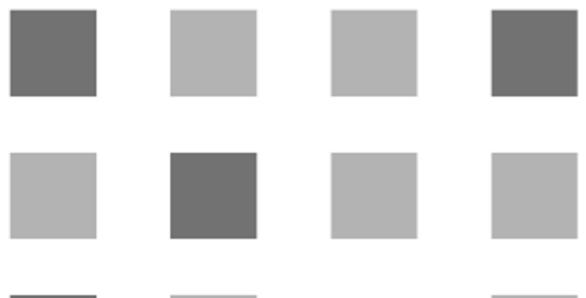
Pattern

Movement/Rhythm

FOCAL POINT

The area of interest most emphasized. The area in a composition where the eye returns.

WHAT IS THE FOCAL **POINT OF OUR SPREAD?**







A network of uniformly spaced horizontal and perpendicular lines used for guidance.

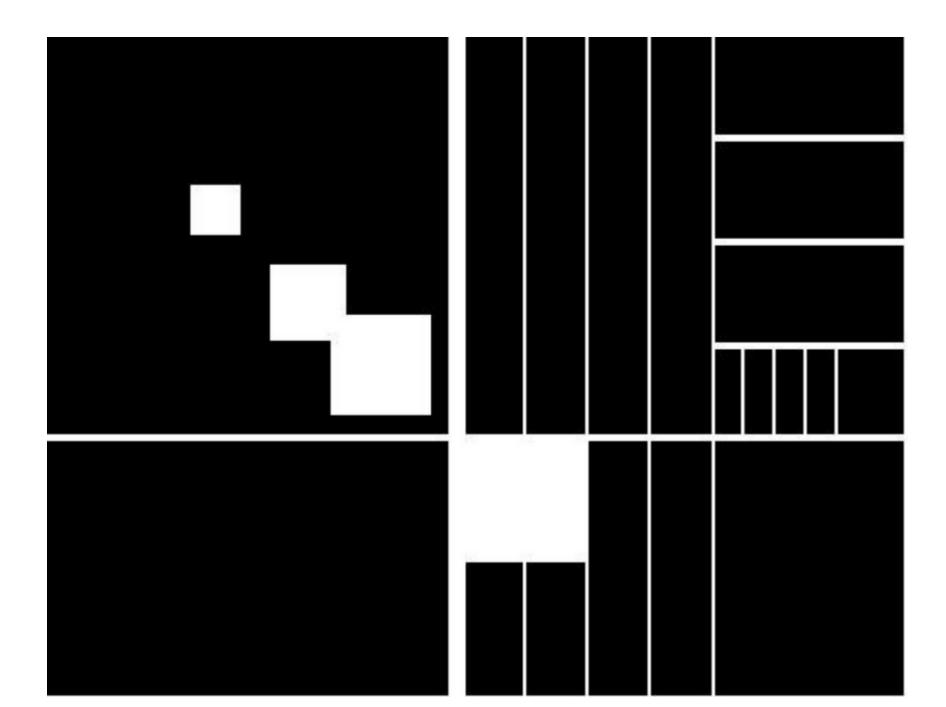


GRID THEORY

GRIDS ARE LIKE THE INVISIBLE GLUE THAT HOLDS A DESIGN TOGETHER.

guidelines for how elements should be positioned layout

reflect proportion of the paper



Sam Hampton-Smith

GRIDS ARE THE FOUNDATION FOR PAGE ORGANIZATION.



TYPES OF GRIDS

BASELINE

Equally spaced horizontal lines, like notebook paper.

DESIGNLAB



TYPES OF GRIDS

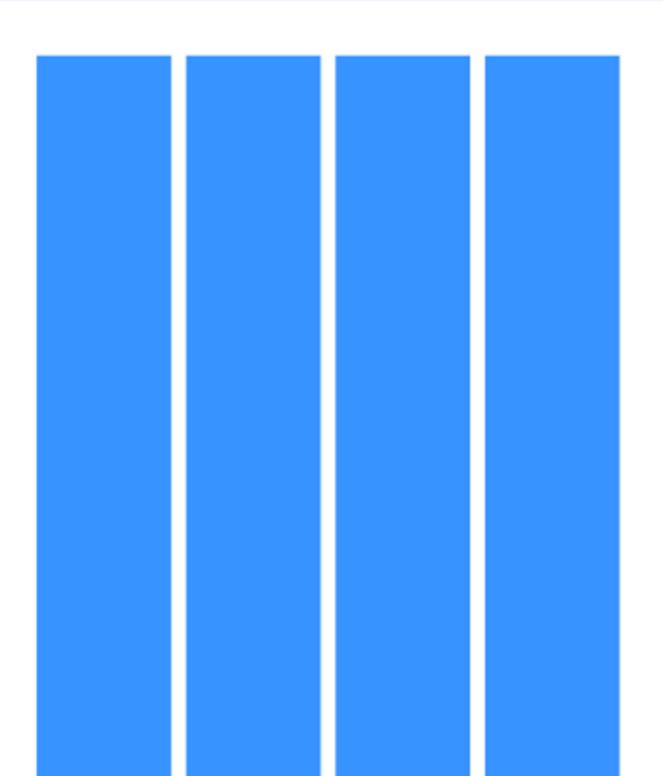
COLUMN

splits spread into vertical fields for aligning content

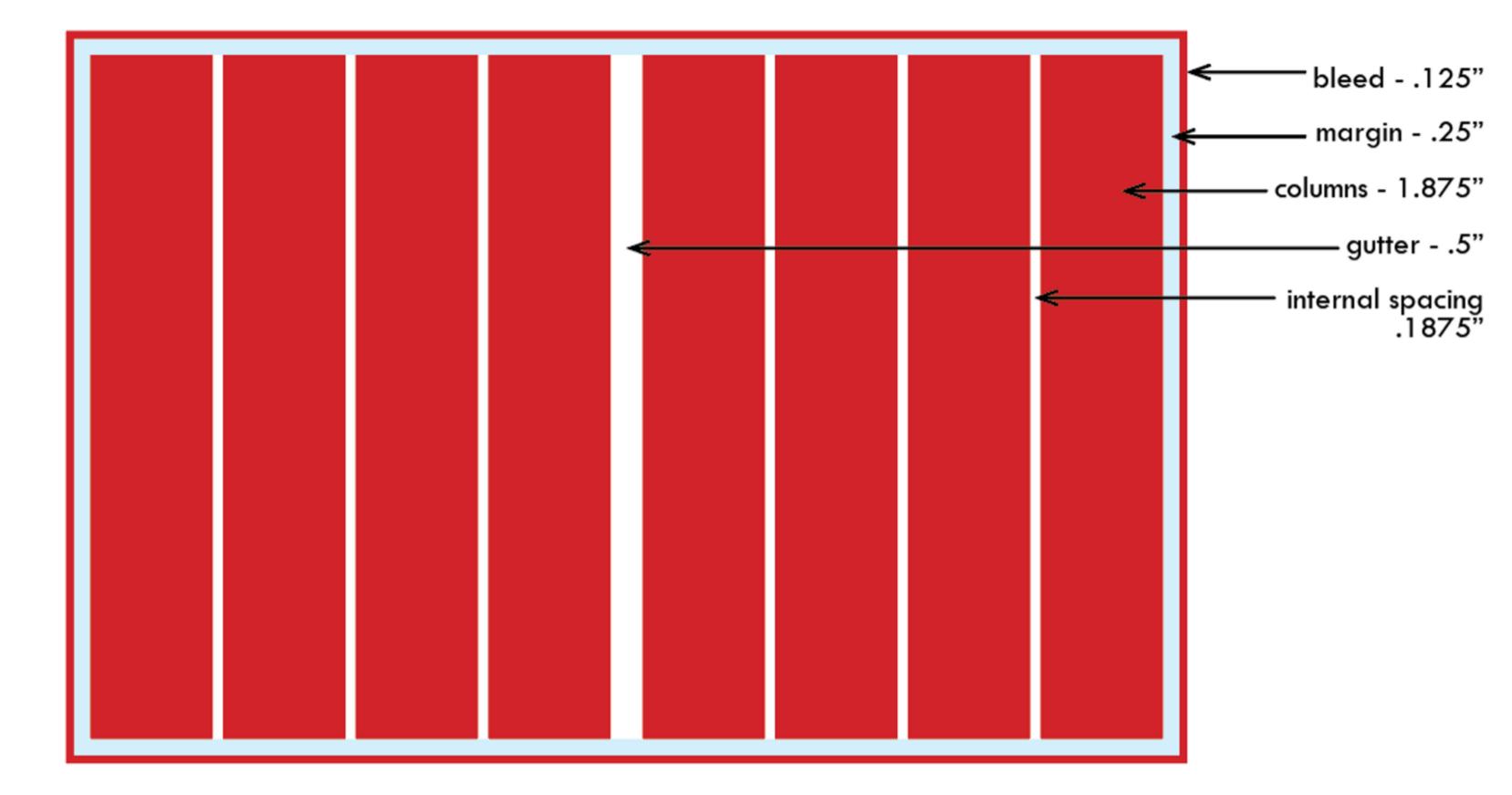
this is how we will start our spreads

DESIGNLAB





COLUMN GRID SETUP

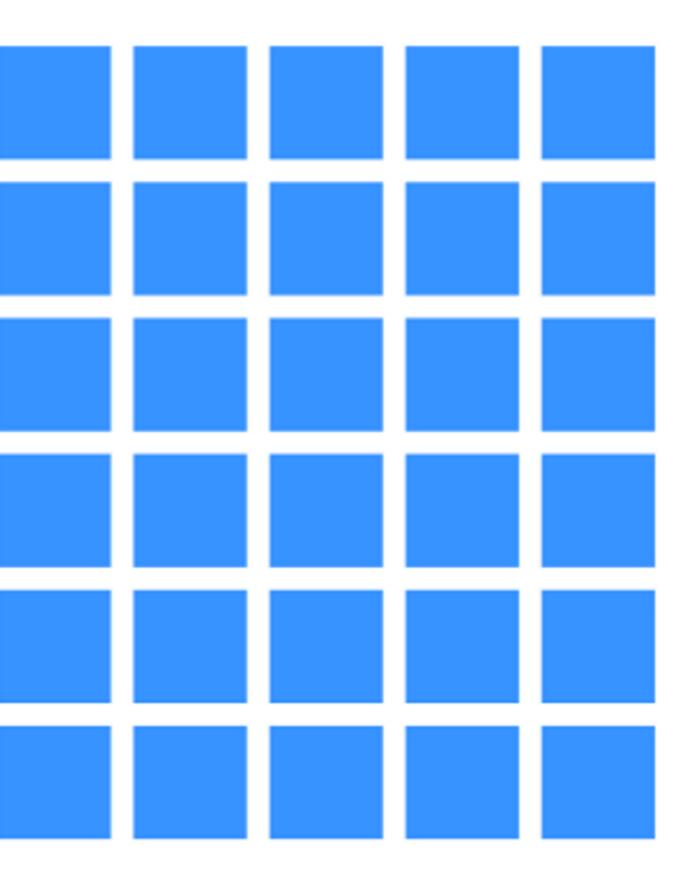


TYPES OF GRIDS

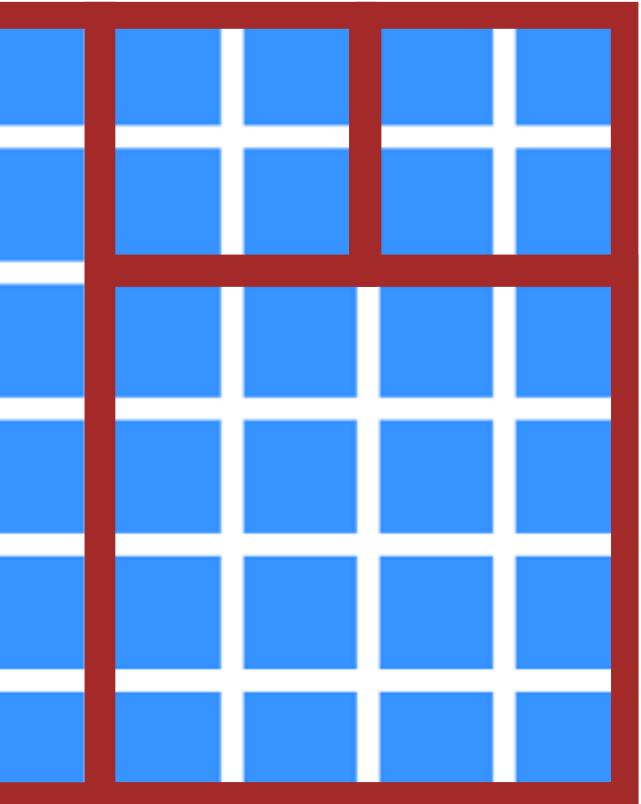
MODULAR

add rows to column grids that can be combined to create modules of content

DESIGN**LAB**

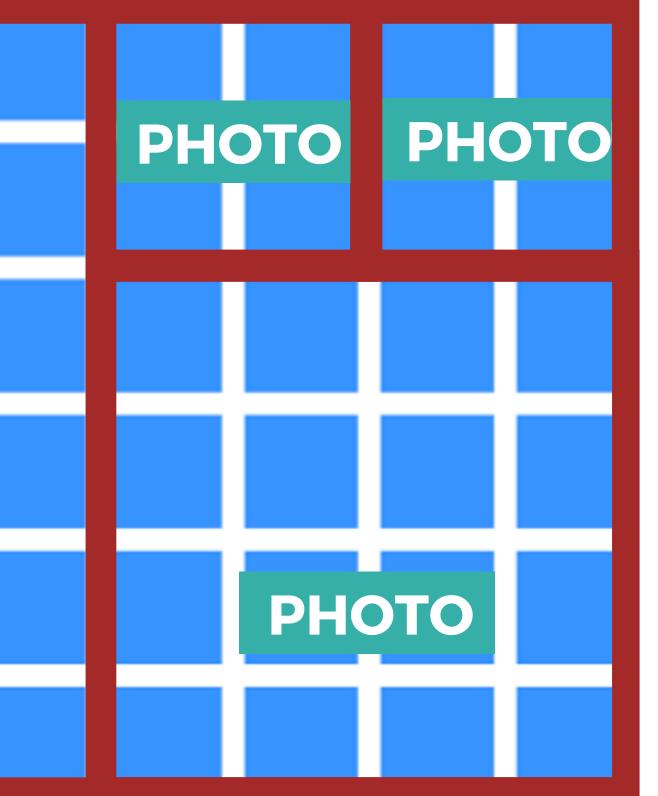


MODULAR GRID



MODULAR GRID

(5 OVE SECOND



TYPES OF GRIDS

HIERARCHICAL

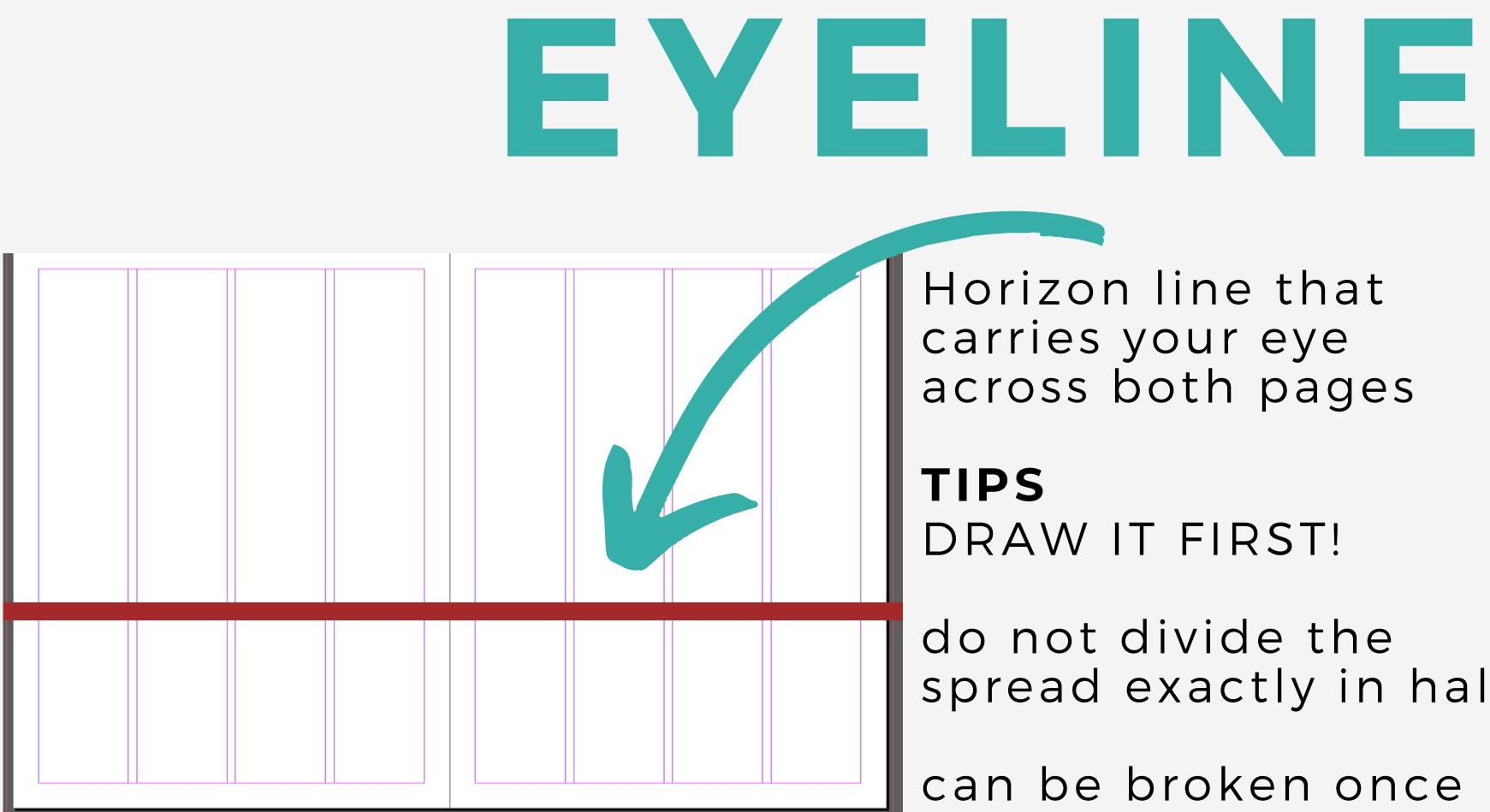
breaking the grid to draw attention and fit specific content

more free-form adds interest

can be added to column/modular

DESIGNLAB





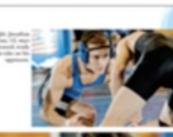
spread exactly in half

GRIDS WILL HELP YOU GET FROM THIS - TO THIS

never



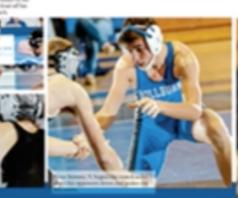






















GRIDS ARE NOT JUST FOR YEARBOOKS

USED IN ALL TYPES OF DESIGN

TECHNOLOGY IN SPACE

THE LUNAR MODULE

THE APOLLO 11 SPACECRAFT COMPRISED TWO COMPONENTS: THE COMMAND AND SERVICE MODULE (CSM) AND THE LUNAR MODULE (LM), THE LATTER OF WHICH CARRIED CREWMEMBERS TO LUNAR SOIL.

pollo 11's LM, aptly nicknamed the Eagle, was deftly controlled by the mission's LM pilot Edwin 'Buzz' Aldrin Jr., and carried both Aldrin and mission commander Neil Armstrong down to the surface of the Moon.

Although the LM was underiably a sophisticated craft for its time, it was stripped back to the bare essentials. The module was so streamlined and designed so specifically for operation in outer space that it was not capable of flying within the gravity and resistance of Earth's atmosphere. All systems within the LM were battery-powered, astronauts stood while manoeuvring to remove the need for seating, and the walls were extremely thin.

The LM itself contained two separate sections — one designed for descent, which contained all the hardware needed to propel and land the module on the Moon, and one for ascent, which contained a cabin to hold Aldrin and Armstrong and a small engine so it could launch and travel back to lunar orbit. Altogether and with landing feet extended, the LM stood roughly seven metres tall.

As the name suggests, while both components headed down to the Moon, only the ascent stage left the Moon: when it launched from the lunar surface it explosively detached from the descent stage, which acted as a launchpad and remains on lunar soil. The ascent stage was discarded in lunar orbit once Aldrin and Armstrong were safely back aboard the CSM; its orbit decayed in the years following and it has since crash-landed on the Moon at an unknown location.

WALLS AND WINDOWS

The cabin had two small triangular windows around the entry/exit hatch for use during landing and takeoff, and another for use when docking with the CSM. Tha thin, lightweight walls were made of aluminium alloy with trianium fittings and fasterings, and were able to shield the module from solar radiation and micrometeoroids.

CREW CABIN

compartment had a volume of 6,65m² and acted as an operational base while on the Moon. Entry and exit was via a hatch large enough to accommodate an astronaut wearing a cumbersome spacesuit.

EXPERIMENTS AND EQUIPMENT

After landing astronauts deployed the Early Apollo Surface Experiments Package (EASEP), a bundle of scientific experiments acrited in the descent stage. Only experiments able to produce results in 10 minutes were chosen, to allow them a good chance of collecting data even in the case of an early mission abort a seismometer to probe the interior of the Moon, and a laser reflector to measure the Earth-Moon distance and test elements of general relativity theory.

COMMUNICATIONS SYSTEMS

Various communications and radar antennae were mounted atop the LM to allow contact between the LM and CSM, and the LM and Earth.

ASCENT STAGE

Weighing over 4800 kg when fully fuelled, the ascent stage housed Armstrong and Aldrin on their journeys to and from the lunar surface. It contained the necessary systems to support two people in the crew cabin, navigational, control, and communications systems, smaller thrusters and fuel, equipment storage, and the hardware needed to return to and dock with the CSM in lunar orbit.

DESCENT STAGE

The octagonal and unmanned descent stage acted as a landing platform for the LM on its descent, and a launchpad for the ascent stage when it left the Moon. It carried the large primary landing rocket and propulsion system, tanks of fuel (Aerozine 50), oxidiser (nitrogen tetraside), water, oxygen, and helium, and had storage space for scientific equipment.

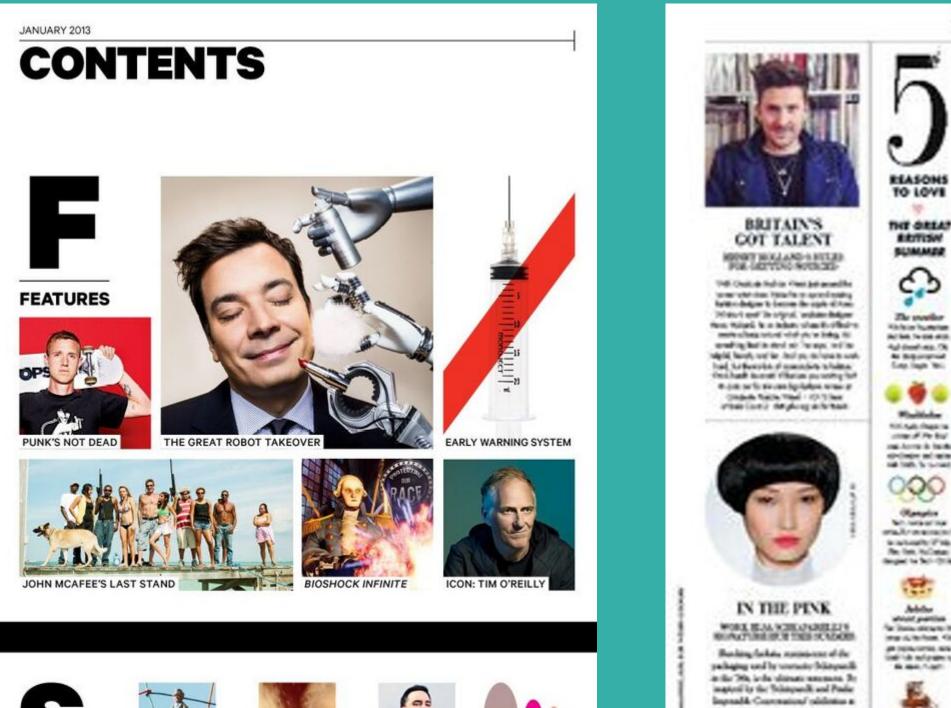
FUEL AND PROPULSION

The descent stage held the bulk of the propulsion system; it carried nearly four times as much fuel (Aerozine 50) and a rocket capable of producing three times as much thrust as that carried by the ascent stage. Four additional sets of thrusters sat around the ascent module pointing in different directions: these comprised the reaction control system (RCS), which was used for manoeuvring.

LANDING GEAR

The landing gear comprised four 1.5-metrelong legs with round 'feet', which unfolded en route to the lunar surface.

do you see the hidden grids in these module designs?





START



WHAT'S INSIDE: FIRE



PREPARING FOR THE NEXT SUPERSTORM

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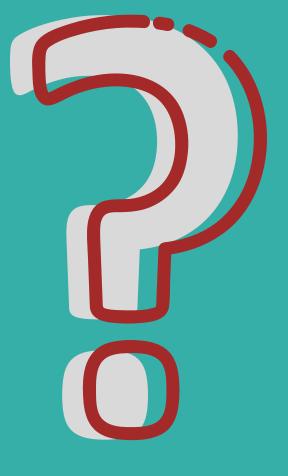


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where is they eyeline? where is the grid broken? how many columns was this design based on?



Pleasant Grove High School Texarkana, Texas



(Continued from page 44) Just four hours after the ep rally, the girls had to dressed and ready for the announcement of the

omecoming queen, every moved princesses Carley Barrett, Faith Lipham, and Brette Wacha, When the pep rally was over, they threw on heir jerseys and knee pads and ran to the gym.

"We had to play three games before 7:00 and throw on a dress and fix our hair." Carbey said. "Our moms helped us into our dresses as we brushed our hair."

Most years the princesses sit on the field, trying to get the turf out of their heels and off their dresses, but instead

wy traded their dresses for -shirts after the crowning of enior Brette Wacha.

They took their place in he student section, and the seerleaders climbed over t ailing and poured baby posnto students' open hands. Th todents were ready when the lieve that we will win' cham chood through the studium The powder flew through th making a cloud over the crowd.

"I think some people were upset being covered in baby powder," Junior Hanmah Haltom sold, "out it made for a good snap chat story so I didn't min having a little dust in my eyes."

Page by Ellen Womack



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answers:

Pleasant Grove High School Texarkana, Texas



EYELINE:

(NOT A BAD THING)

6 COLUMNS



(Continued from page 643

Just four hours after the pep rally, the girls had to be dressed and ready for the announcement of the homecoming queen everyon except princesses Carley Barrett, Faith Lipham, and Brette Wacha, When the peprally was over, they threw on their jerseys and knee pads and ran to the gym.

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tage by Ellen Womack















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a final mini pice hadrone that per she said LACLER

"I think some people were upset abo





LEADERSHIP



Front Row Jedd Ramos, Anna Miller, Brittany Compbell, Dursielle Davis, Aubrey Maynaed, Eyles Bunger, Blair Smith, Row 2: Will Humphory, Carley Barrett, Brette Wacha, Emma Sama-Tye, Zoe Terral, Nukina Levingston, Brittany Assush, Jaamine Brace, Baylor Swanaon. Baw y: Al Soyder, Jackson Pace, Cross Bright, Ben Northem. Madiaon Haltum, Taylor Jonnings, Conner Crawford, Colline Cordray.

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Kanice Seamine

HOSA

said (Staff)

ART CLUB



Joseppenaes, Haydes Dosary









a leadership rol during our First Priority meetings in hope of making a difference. Junior Ryan Forbe said. (THurst

Pleasant Grove High School

Texas

Texarkana,



Breanna Jefferson, Khadijah Oritola, Erei Gatlin, Kayla Fuselier. Brittany Campbe Jossica Abbulimen, Kimmie Afamna, Tar Hammett, Row 3: Devin Burna, Ashlyn Clast Ethan Wagner, Sidney Forman, Diego Morle Kathrin Jaeger, Hannah Cooper, Mahrey Payne Iared Hambleton, Jack Walker, Sandra Swarato Bow & Emily McMillan, Celeigh Redde Quincey Spells, Nate Bulhemeier, Chris Yates Drew Matthews, Kenneth Hoynh, Ja'dariu Irvin, Harley Brazile.

Madaton Howell, Bailey Flowers-Daniel

MISS

Front Bowt James Tuttlebee, Zack Partin, Badey Plowers-Daniels, Allie Harrison, Hannal Rainer, Elizabeth McClure, Jungrok Oh. Row 2: Zack Senith, Will Humphrey, Regan Beck, Noah Bates, Hannah Cooper, Kenstie Glover Daniel Gibbons, Jack Walker Row 3: Jacob Hernmänger, Damion Hughes, Diego Morlet Joshua Rohles, Cross Bright, Ryan Forber Matthew Lindsey, Jacob Thompso







Front Row: Trans Hunst, Hannah Haltors, Morgan Morria, Madiaon Howvell, Ellers Wornack, Kenzie Glover, Hannah Rainer, Thu Nguyen, Savannah Story Rew 2: Kaylee Gafford, Aubrey Hemphill, Mackenzie Olguin, Bulley Flowers-Daniels, Ensily Gatlin, Reygan Packer, Emeri-Peters, Samariba Cox, Hannah Roed, Row y Faith Lipham, Nathan Brinkley, Blaise-Olsen, Horstah Cooper, Kathrin Jaeger, Marie

ART CLUB



Front Bowt Angelique Colo's, Joseph Killet, Kaltlyn Bloomfield Victoria Bean, Ivey Moulton, Anil Pournouri, Justine Nguyen, Elin Lee, Tiffany Hoang. Row 2: Kaylee Kelley, Madaon Allen, Hadey Whimen, Audrey Murphy. Sydney Hopkins, MacKenzie Acklen, Mary Old, Haley Hearnbutcheson, Visian Nguyen, Katie Hutcheson, Row's Xylie Hatfield. Abby Calbour, Josh Evanz, Carleigh Scates, Abby Sanderson, Victoria Haley, Shannon Lee, Samaritha Knowlee, Sariah Kilgore, Sophia Tuttlebee, Row & Seth Hopkins, Ben LeGrand, Zack Smith, Kevin Nia, John Young, 111 Bultemeier, Natalie Hale, Amelia Bradley, Avery McDory



with asked us to fund to hall



only entry being HOSA. I want to go the modical field en l'im clider ao it's a at way to see which s of a 1 find most esting," service Chris s said. (MPsyme)

SPANISH CLUB



Front Bow: Jedd Ramos, Lauren Duvis, Will lumphoxy: Elizabeth McClure, Hannah Garlitox. Row 2: Seu Choi, Audovy Murphy, Emily Engstrom, Andrea Luria, Emma Sama-Tye David Meila, Brynn fain, Tiffany Hoang, Row 3: Madeline Haak, Kevin. Songaleg, Joshua Robles, June Hee, Luke Bunel. Cobins Johnson, Samaniha Knowley

SCIENCE CLUB



Front Rown Sponsor Monicu Smith, Jared Hambleton, Juris Yates, Cayle Campbell, Aaron Pitman Bow 2: Jocca eitfeller, Tessa Hunt, Madison Howell, Anna Yowell, aroline Crain, Libby Blair, Thu Nguyen, Karonie Atienza, indy Chiang, Bryceson Laing, Samuel Abbullenen, Jedd iamos Baw 'n Alliaon Steed, Lauren Davis, Brittany Awuah, alley Flowers-Daniela. Emily Engstrom, Hannah Griffin, ugan England, Brooklyn Puzz, Kylle Rogers, Emma Samee. Sidney Forman, Jungrok Ch. Bow & Autumn Wagner. iden Thompson, Lauren Allision, Kenzie-Clover, Collier rdray, Mahory Payme. Celeigh Bedden, Catherine Haley. van Damas, bill Bultemeter, Bow 5 Kayne Robinson, Nate ulterneier, Will Hlavinka, Marie Joergensen, Sydney Patrick, Daniel Obbons, Kenneth Huynh, Damion Hughes, Jacob Thompson, Kevin Gonzalez



DE SCREME YOURSELF DE THEEE WX057 Confident, ambitious.

Asterning COLLEGE PLANS?

I plan to study business and

DREAM X87

President, I'rs not fully committed to running but it. would be amazing!

ARE YOU & PERFECTIONESTY Yes, 300 percent.

ADVANCED CLASSES? Yes, I'm in two-dual credit and four AP classes.

FRUGRETE CLUBY

\$TUCO.1 feel like that's the club that makes the most difference in the community. and I feel like I really have a voice in the organization.

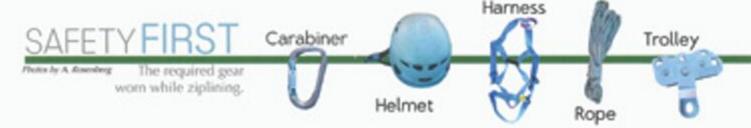
DIRECTION

Consider the direction in a photo when placing it on the page. The action should lead your eye onto the spread, not off of it.



how does this photo use direction to guide your eye?





018 Student Life

J.W. Mitchell High School New Port Richey, Florida



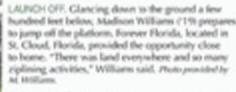
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"My experience zipling was exhilarating. They had a zipline freefall where they literally hook us on and tell us to drop." MADISON WILLIAMS (19)







SLOW IN LRE. Dulton Pletscher ('14) rides the zipline through the tainformt. Pletscher clung to the rope as he swang through the forest. "While ziplining you are in the middle of this gigartic forest as far as you can see," Pletscher said. Photo provided by D. Pletscher





(IV) High above the ground, Sydney Marler ('17) climbs ropes at Tree Hoppers Adventure Bark. The Dude City attraction replicated ziplining in a jurgle. "It had just rained so the air felt refreshing on my face as well as the occasional raindrop from the leaves above me," Marler said. *rhos provided by S. Marler*

QUEIN OF THE JUNCLE. Zooming through the trees, Yanewa Gallappo ('17) slides down the wire on the zipline course. Gallappo went ziplining in Cancun, Mexico. "All I could see was the tops of the trees and it was very green and full of nature," Gallappo said. Photo provided by V. Gallappo

USE THE THUMBNAIL SHEET LET'S DO ONE TOGETHER

DRAWING EXERCISE



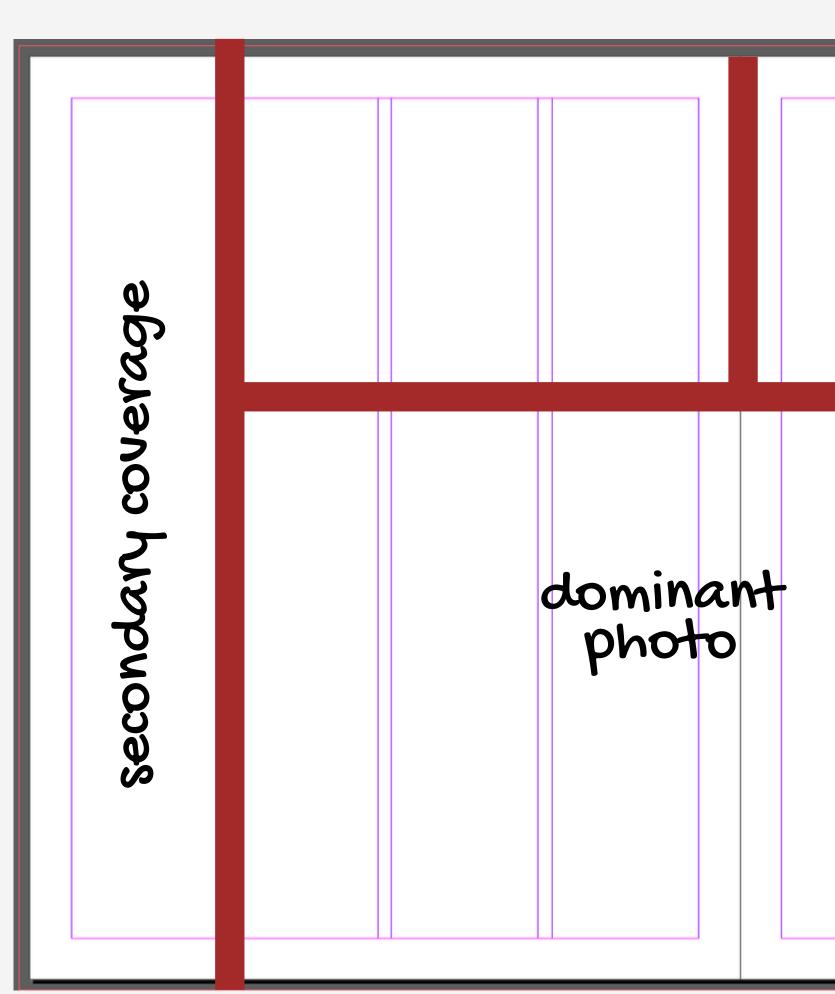


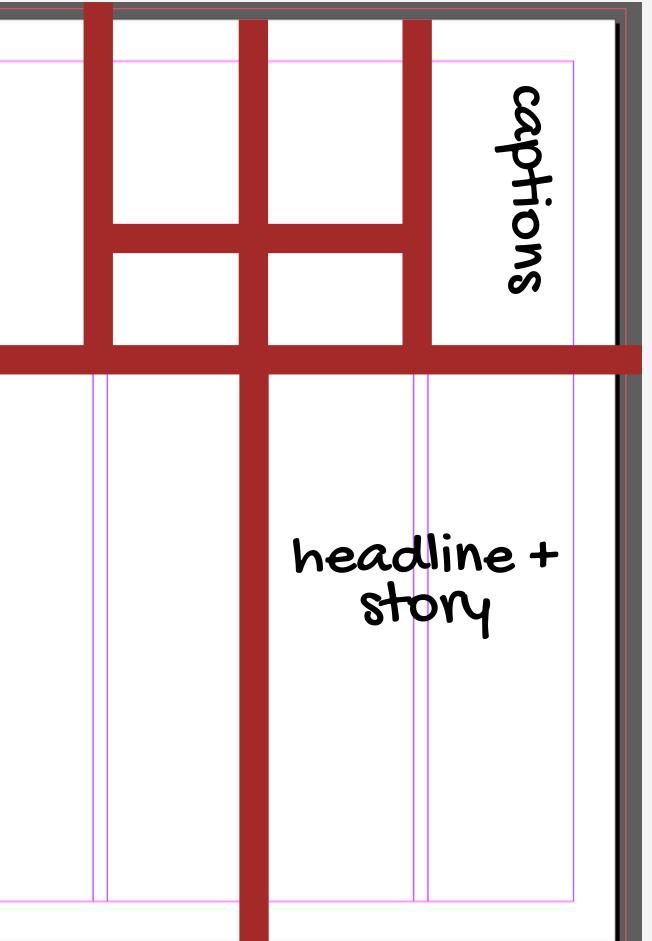


DIVIDE EACH SPREAD INTO A LAYOUT USING A VARIETY OF GRIDS: **ALL SKETCHES MUST INCLUDE:**

Eyeline (start with this) Dominant photo (2-3X bigger than any box) **Headlines with story** Secondary Coverage Mod **Caption Box** Additional photos of varying size/shape







LAYOUT REQUIREMENTS

EYELINE/ FOCAL POINT:

Eyeline connects both pages together Eyeline is not broken more than once Eyeline does not cut the page exactly in half Dominant photo is 3X larger than other boxes

QUALITY:



All content requirements are satisfied Elements vary in size and shape Text is kept to the outside Strong sense of balance and unity







