

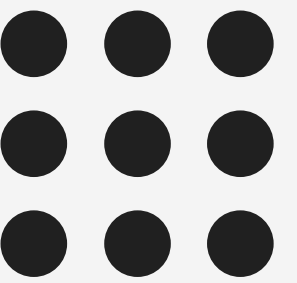


LAYOUT COMPOSITION USING THE GRID

ENTOURAGE ESSENTIALS: DAY 21



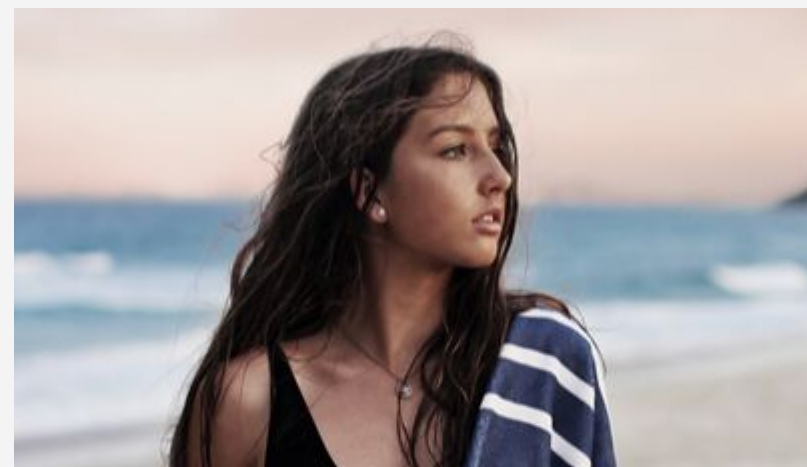
DONOW:



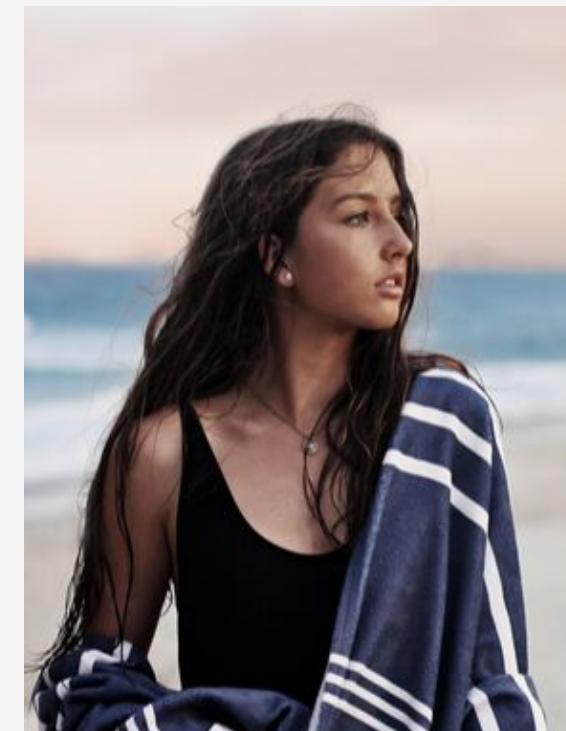
Look at your content and write down the orientation of your dominant photo and number of horizontal and number of vertical images. Download the images in a folder together to your documents folder.

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

REMINDER:



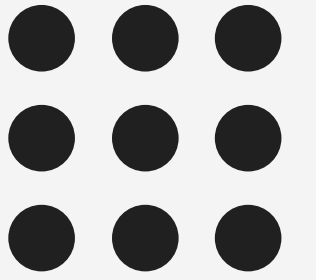
HORIZONTAL



VERTICAL



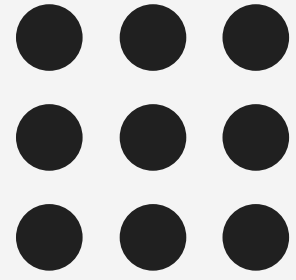
OBJECTIVES:



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.

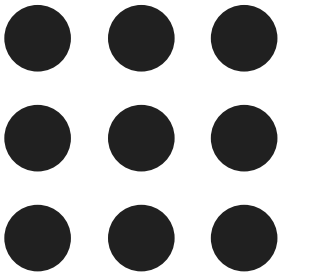




COMPOSITION/ LAYOUT

Placement, organization, or arrangement of visual elements according to the principles of art/design





COMMUNICATE
DON'T
DECORATE



design is about telling a story

things to consider:

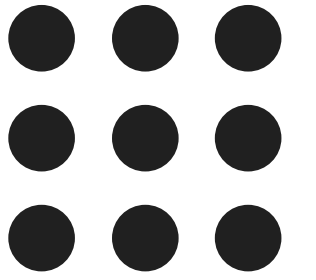
Andrew Bencsko

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

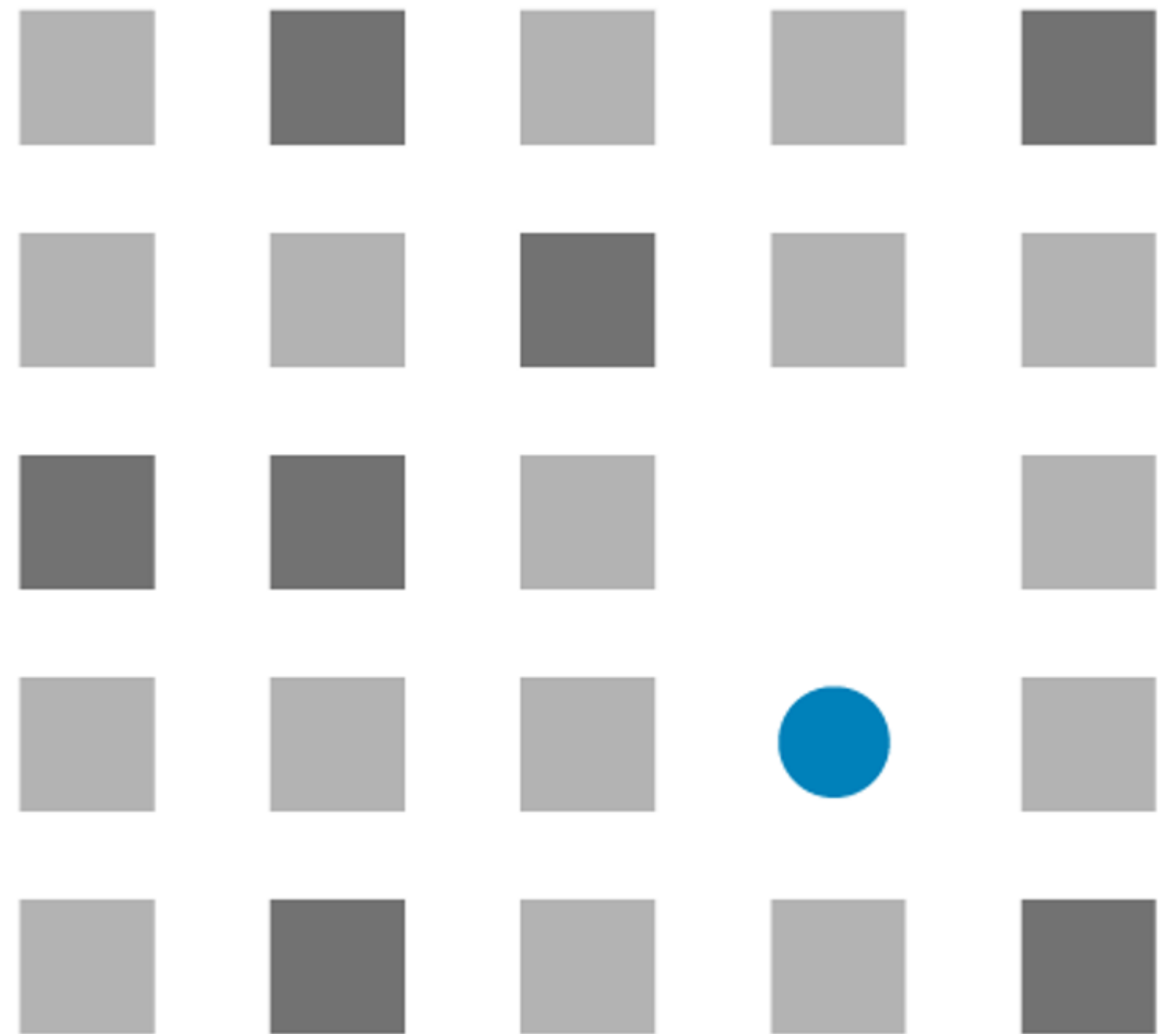
Movement/Rhythm

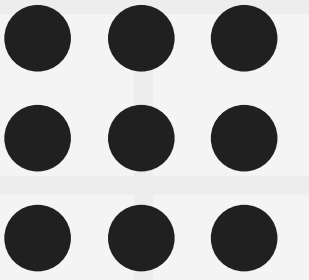


FOCAL POINT

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

WHAT IS THE FOCAL POINT OF OUR SPREAD?.





GRID

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



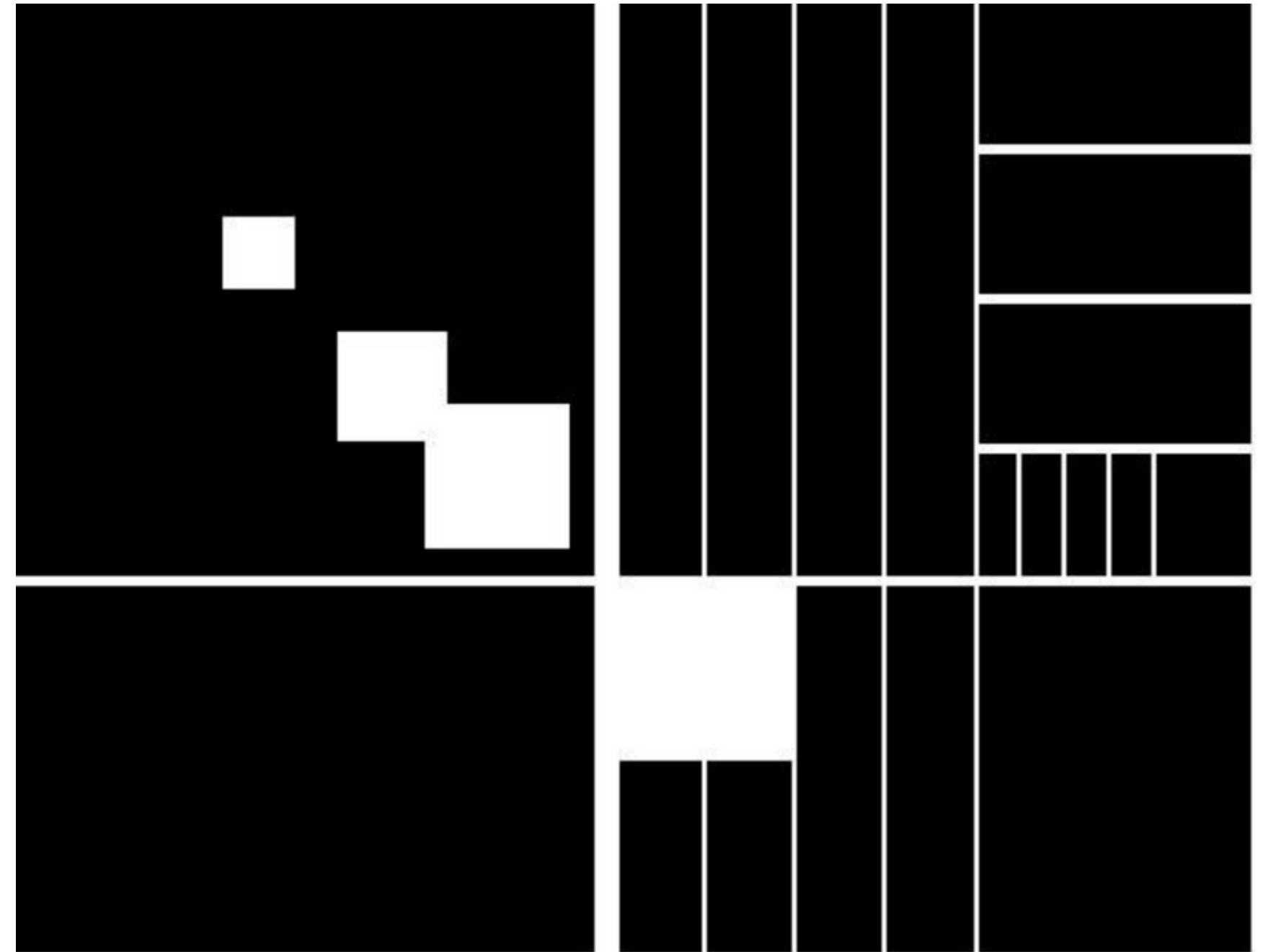
GRID THEORY

**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

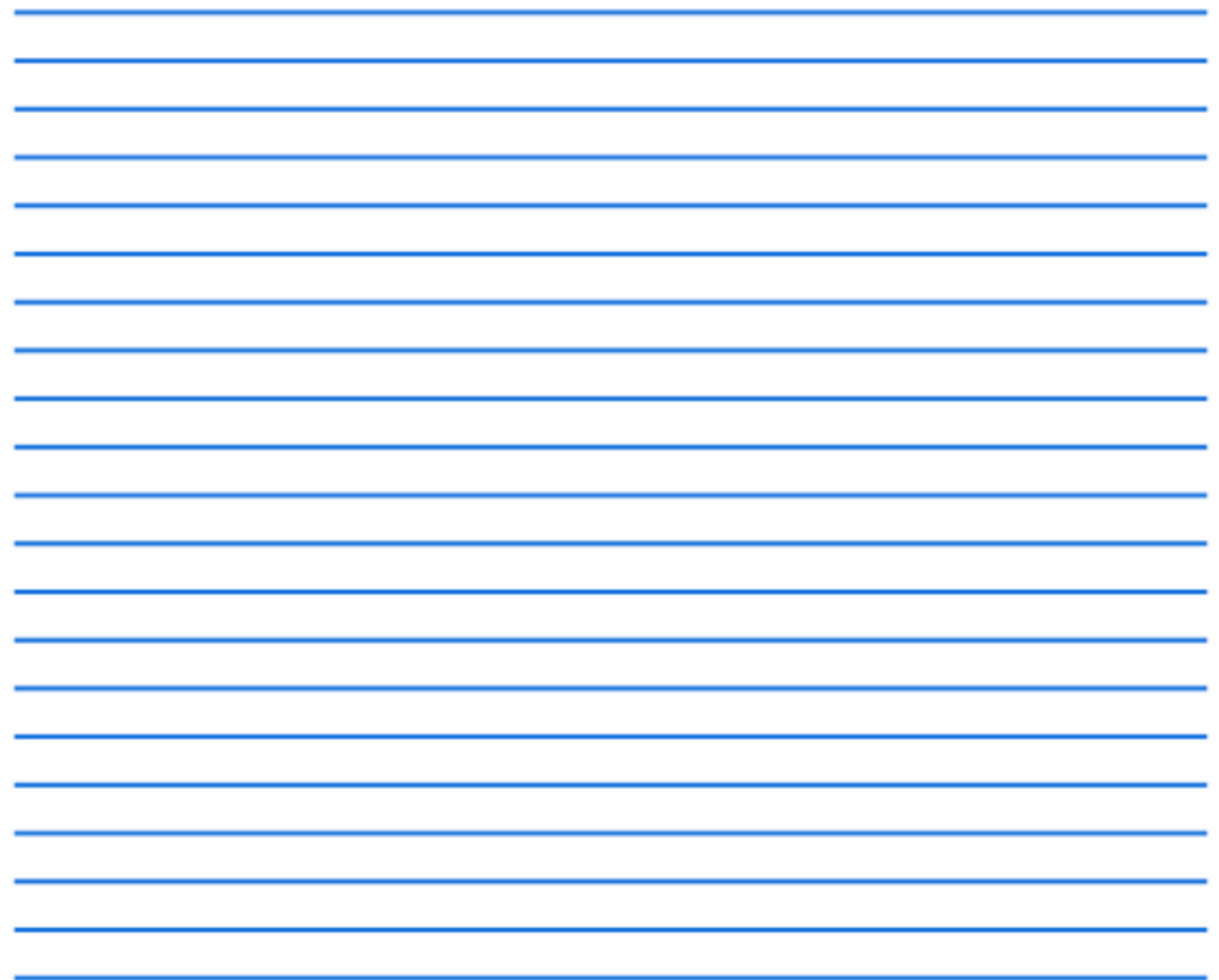


**GRIDS ARE THE FOUNDATION
FOR PAGE ORGANIZATION.**

TYPES OF GRIDS

BASELINE

Equally spaced horizontal lines, like notebook paper.

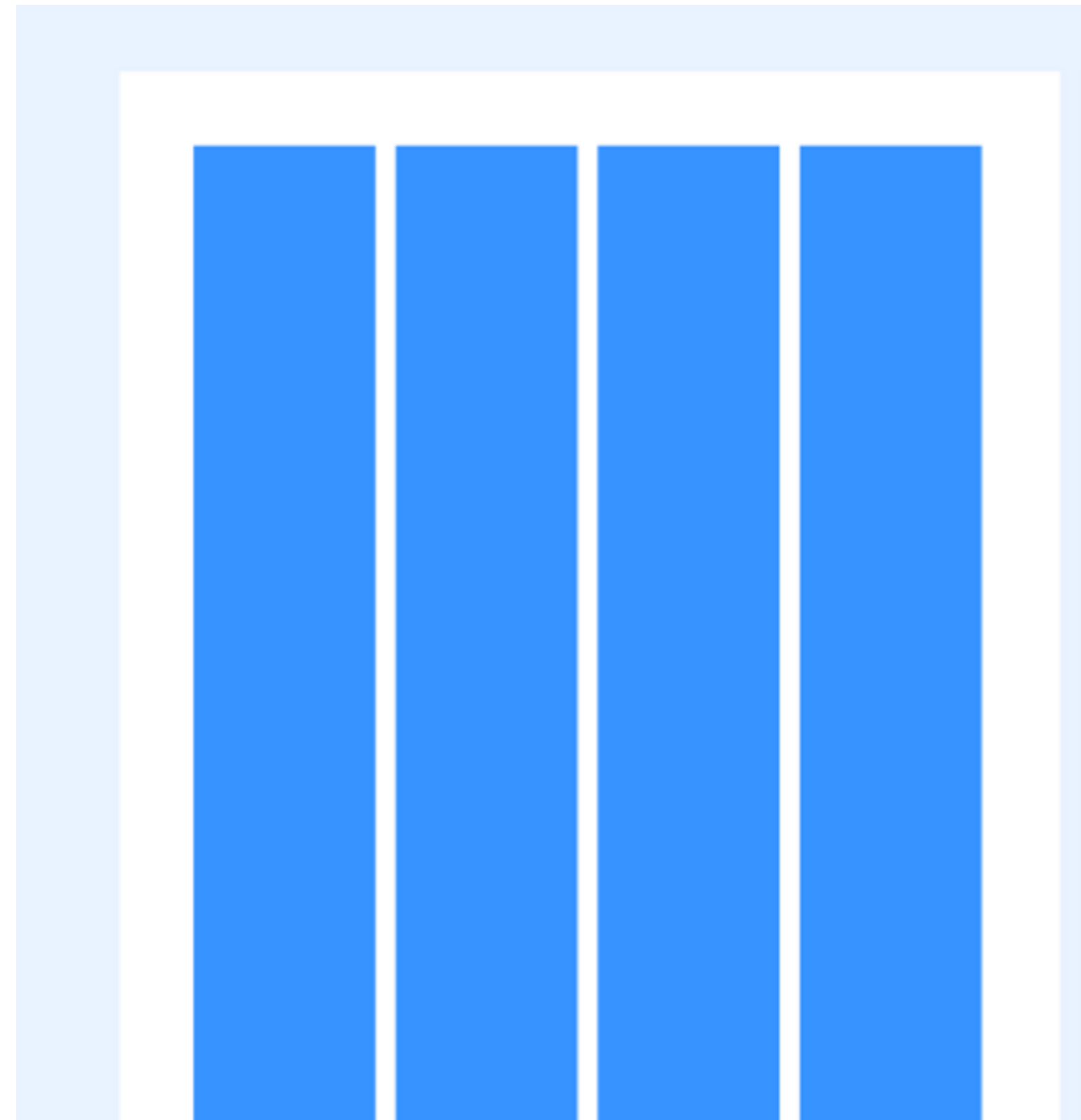


TYPES OF GRIDS

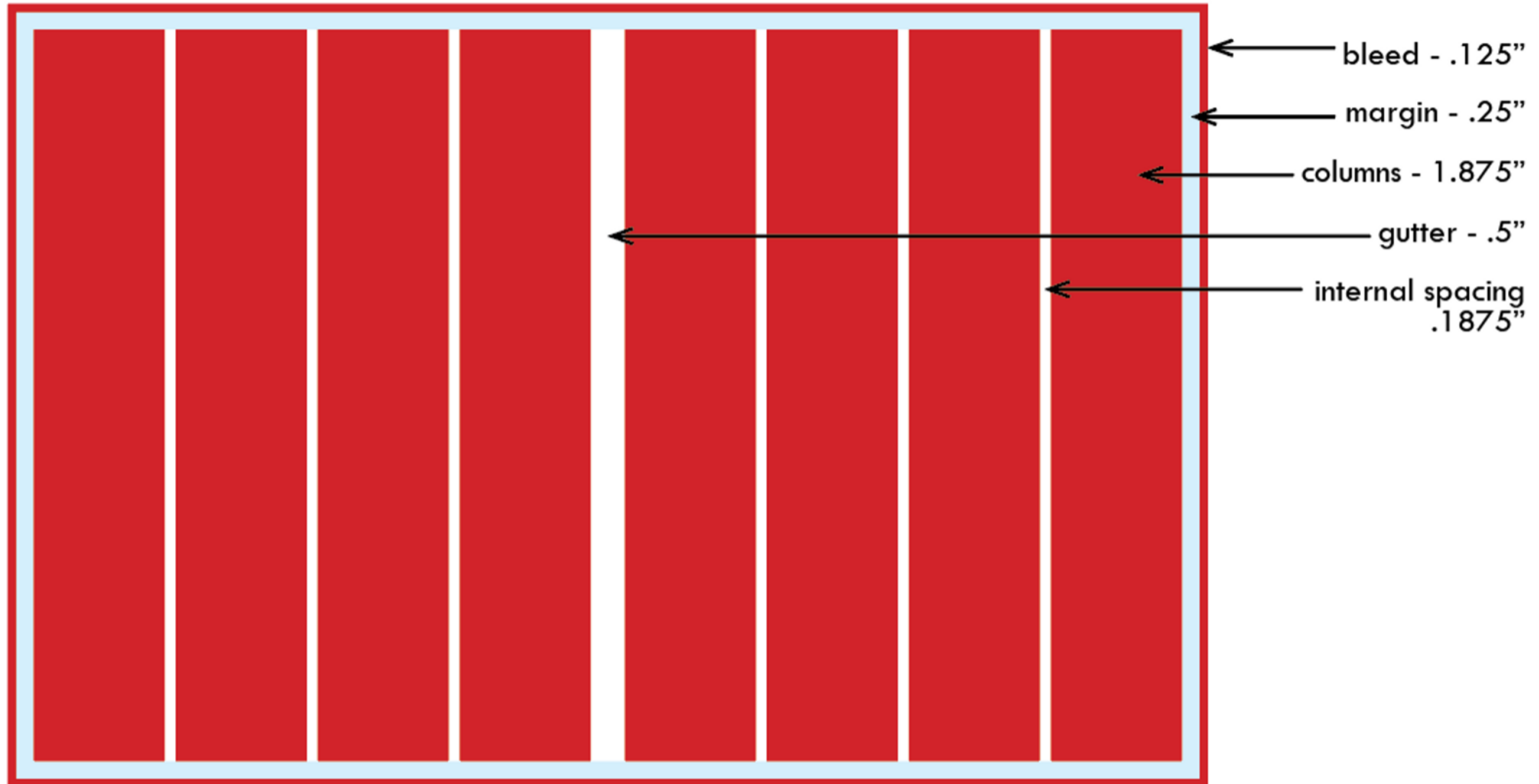
COLUMN

splits spread into vertical fields for aligning content

this is how we will start our spreads



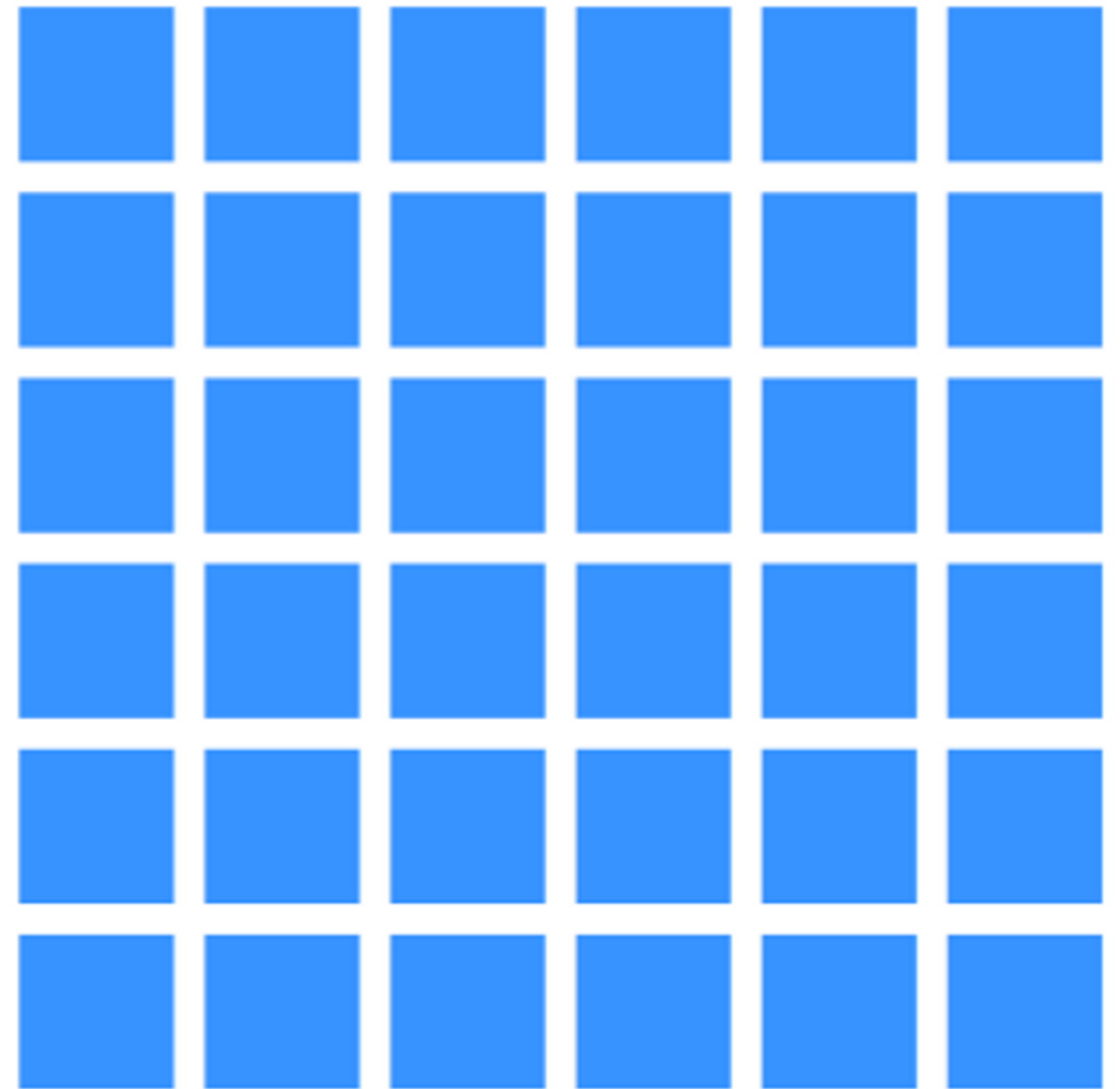
COLUMN GRID SETUP



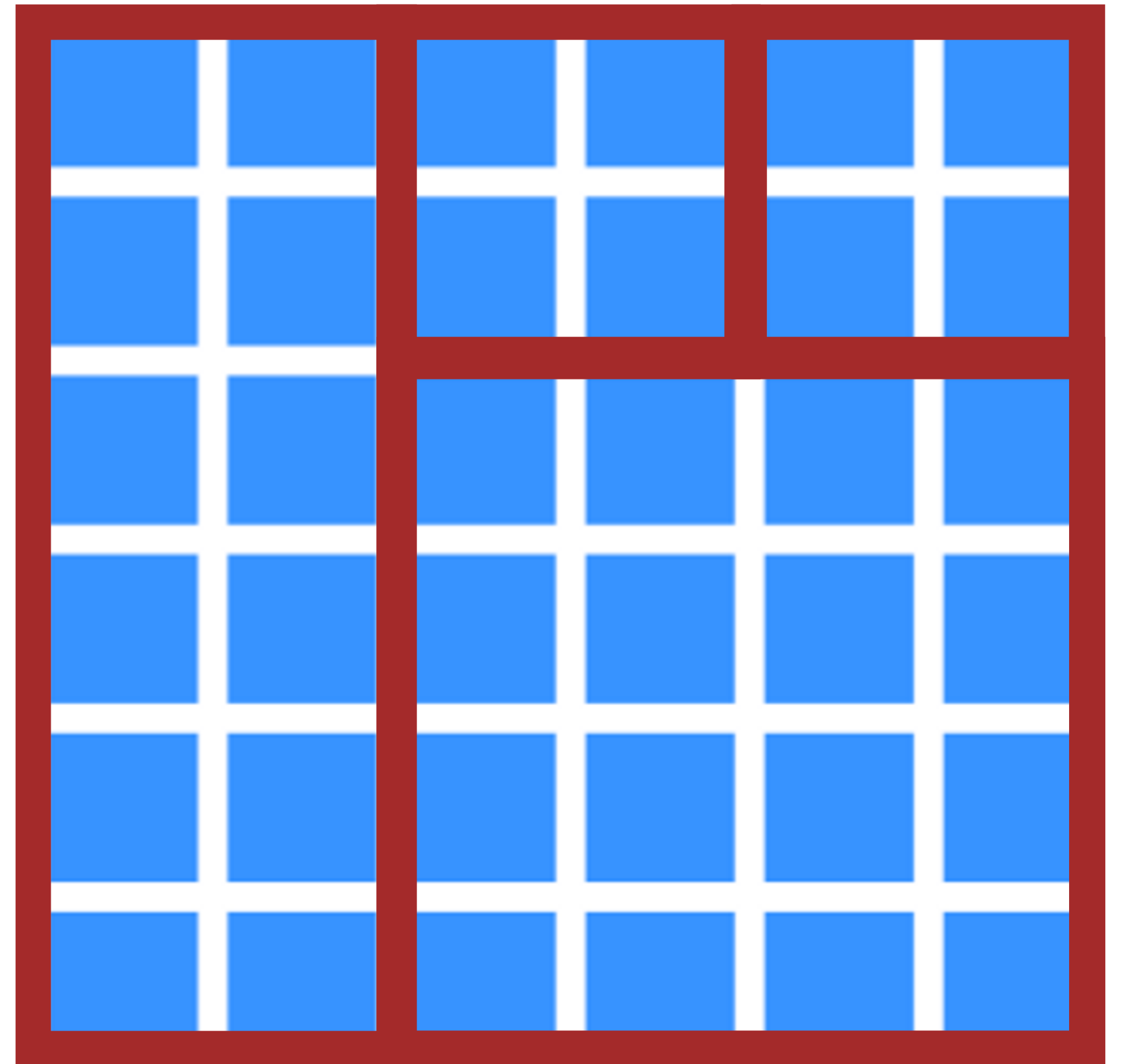
TYPES OF GRIDS

MODULAR

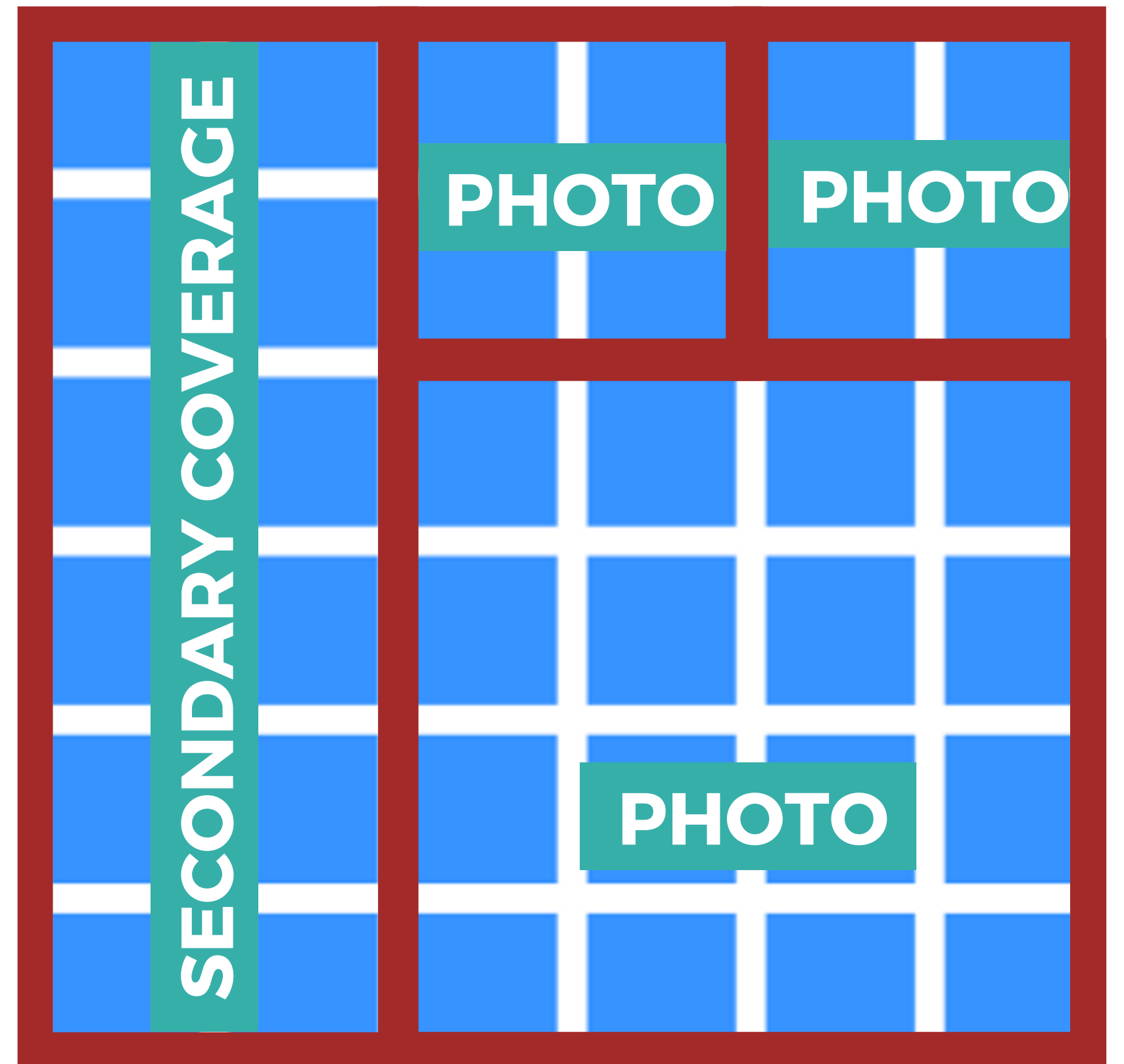
add rows to
column grids
that can be
combined to
create modules
of content



MODULAR GRID



MODULAR GRID



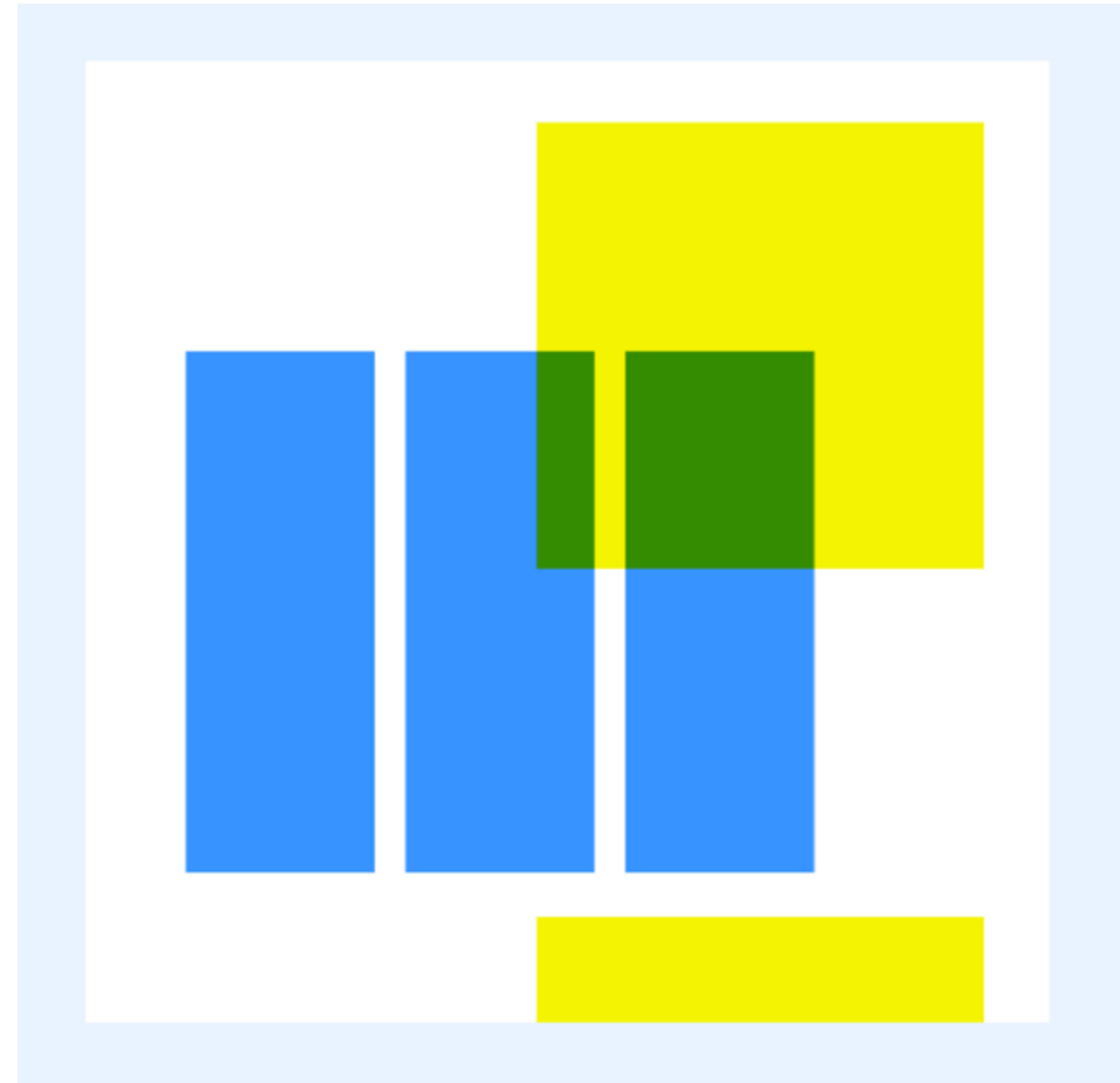
TYPES OF GRIDS

HIERARCHICAL

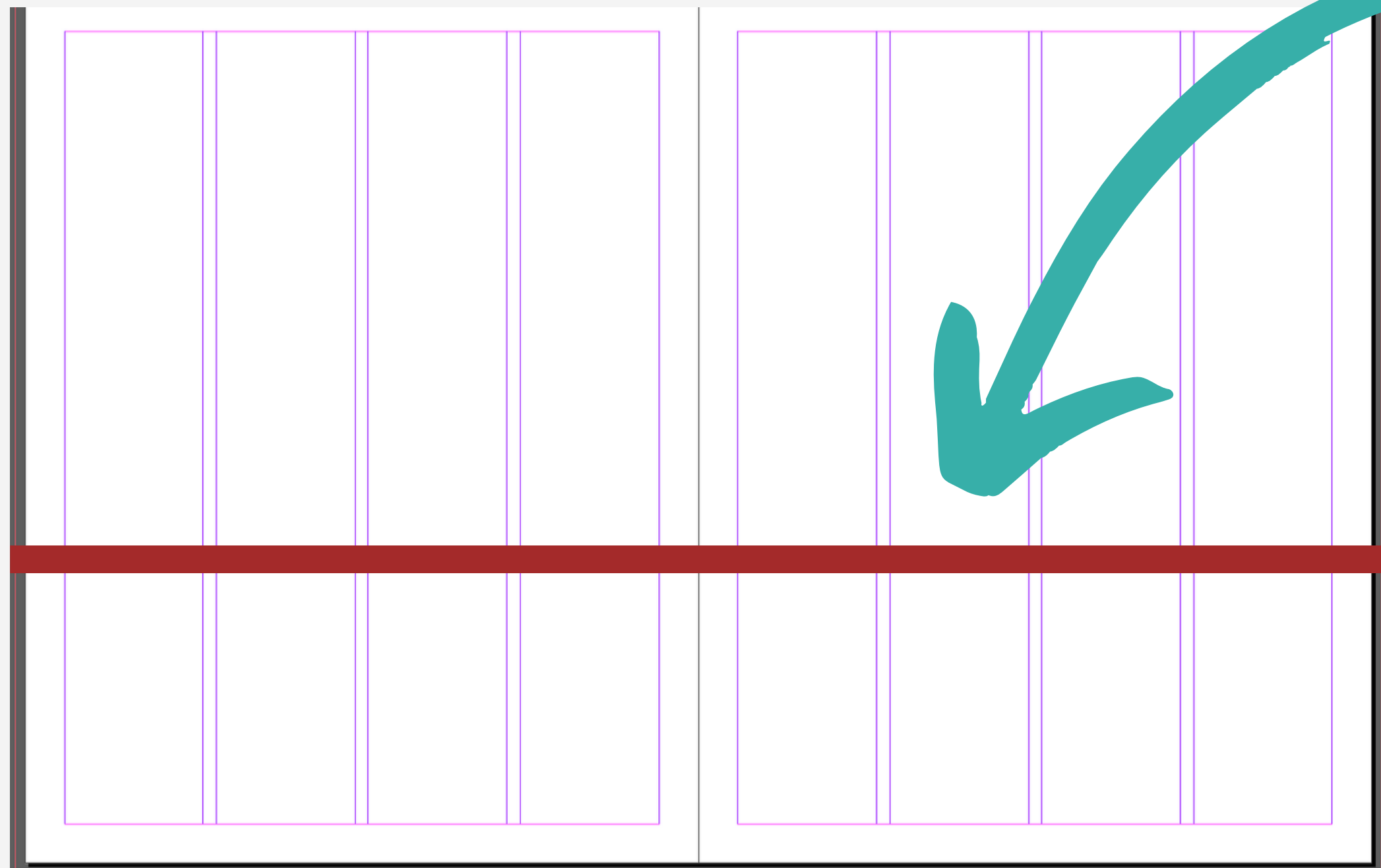
breaking the grid to
draw attention and fit
specific content

more free-form
adds interest

can be added to
column/modular



EYELINE



Horizon line that carries your eye across both pages

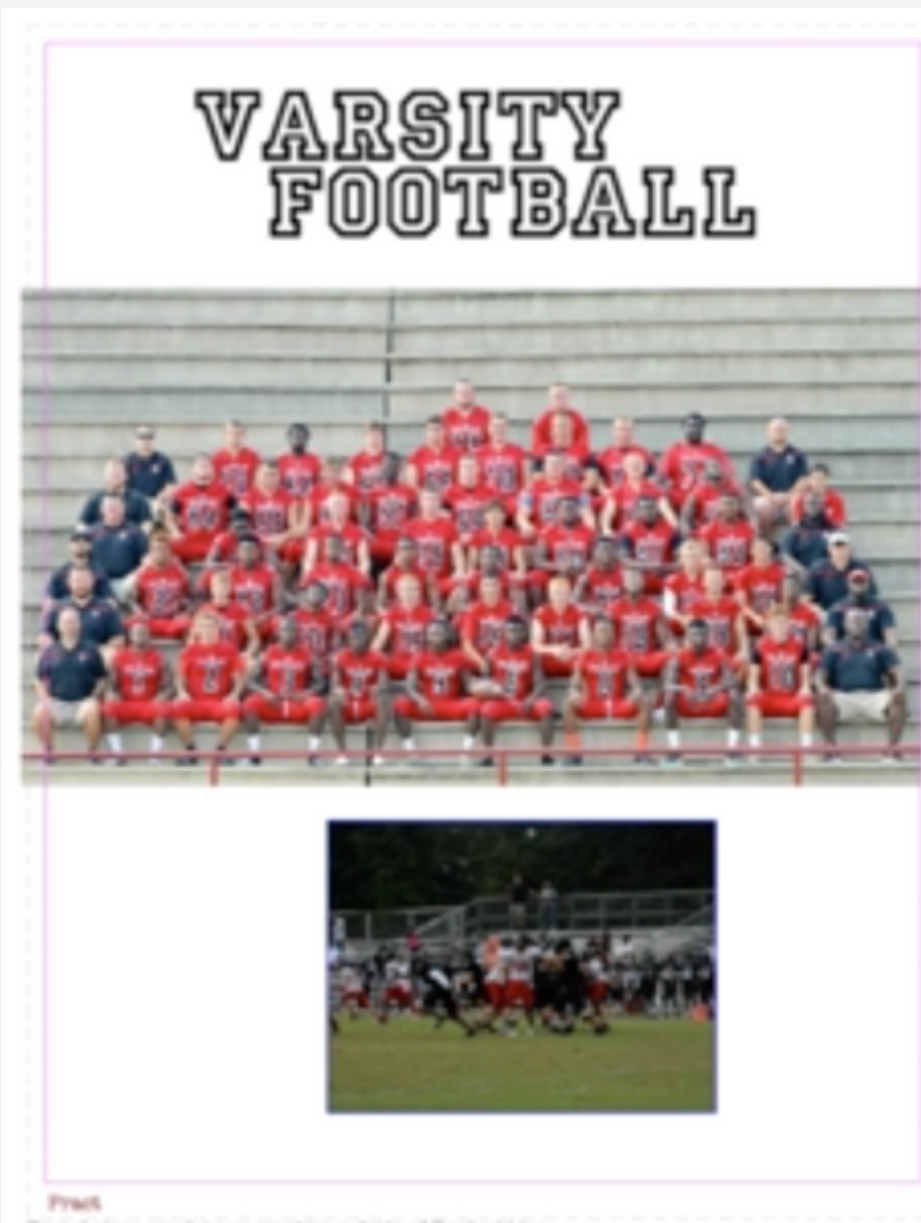
TIPS

DRAW IT FIRST!

do not divide the spread exactly in half

can be broken once

GRIDS WILL HELP YOU GET FROM THIS ←→ TO THIS



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.

Apollo 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 undeniably 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. The thin, lightweight walls were made of aluminium alloy with titanium fittings and fastenings, and were able to shield the module from solar radiation and micrometeoroids.

CREW CABIN

The pressurised, cylindrical crew compartment had a volume of 6.65m³ 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 carried 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.

TECHNOLOGY IN SPACE

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 (Aerazine 50), oxidiser (nitrogen tetroxide), 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 (Aerazine 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-metre-long legs with round 'feet', which unfolded en route to the lunar surface.

8

9

do you see the hidden grids in these module designs?





JANUARY 2013


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PUNK'S NOT DEAD 

THE GREAT ROBOT TAKEOVER 

EARLY WARNING SYSTEM 


JOHN MCAFEE'S LAST STAND 


BIOSHOCK INFINITE 


ICON: TIM O'REILLY 


S

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THE AGE OF INSOURCING 

WHAT'S INSIDE: FIRE EXTINGUISHER 

PREPARING FOR THE NEXT SUPERSTORM 

STATGEIST 

NEWS

5 REASONS TO LOVE 

THE GREAT BRITISH SUMMER 

Whistleblower 

Olympic 

Julia 

Paul 

PERFECT PRINTS

IN THE PINK

STATGEIST

BRITAIN'S GOT TALENT

THE GREAT BRITISH SUMMER

Whistleblower

Olympic

Julia

Paul

PERFECT PRINTS

IN THE PINK

STATGEIST



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



Pleasant Grove High School
 Texarkana, Texas

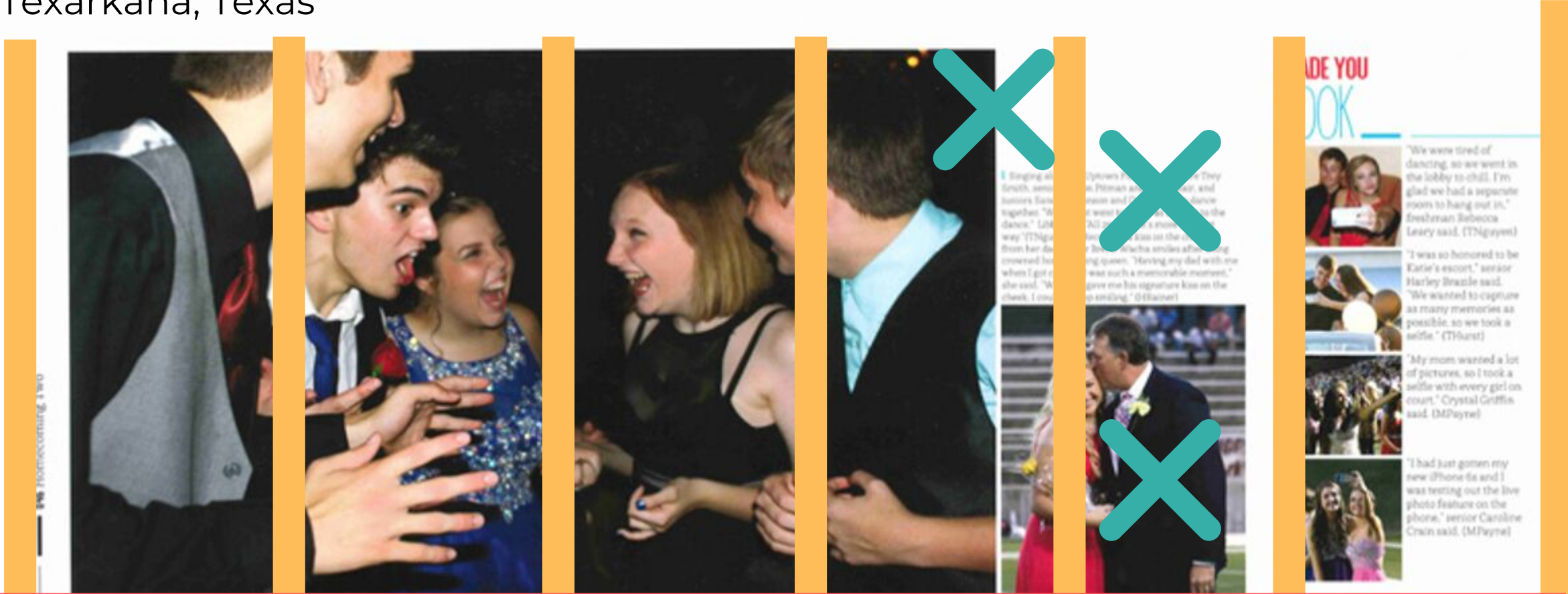




answers:



Pleasant Grove High School
Texarkana, Texas



EYELINE:



GRID BREAK: **X**
(NOT A BAD THING)

6 COLUMNS



1

2

3

4

5

6

DIG Groups

LEADERSHIP



Front Row: Jedd Ramon, Anna Miller, Brittany Campbell, Daniella Davis, Aubrey Maynard, Eylee Bunger, Blair Smith. **Row 2:** Will Humphrey, Carley Barrett, Brett Wach, Emma Sama-Tye, Zoe Terrel, Nakina Livingston, Brittany Anwarh, Isamine Brack, Bayler Swanson. **Row 3:** AJ Snyder, Jackson Pace, Cross Bright, Ben Northem, Madison Halton, Taylor Jennings, Connor Crawford, Collier Cordery.

HOSA



Front Row: Solnye Garcia, Kaylee Jones, Cassidy Bunger, Allison Steed, Belokah Gilliam, Brooklyn Ramsey, Hannah Garlitos, Marissa Fleming, Elizabeth McClure, Madison Beane. **Row 2:** Jungrok Oh, Harlie Purcell, Paul Rowers, Ray Seastunk, Lyrique Redeno, Leah Prokash, Claire Sanaon-White, Joy Zimmerman, Daniel Gibbons. **Row 3:** Jacob Hemminger, Emily Flurnoy, Caleb Bolden, Will Hlavinka, Carson Cox, Ben LeGrand, Trevon Jackson, Marie Joergensen, Jacob Thompson.

ART CLUB



Front Row: Tessa Hunt, Hannah Halton, Morgan Morris, Madison Howell, Ellen Wornack, Kenna Glover, Hannah Rainier, Thu Nguyen, Savannah Story. **Row 2:** Kaylee Gafford, Aubrey Hemphill, Mackenzie Olguin, Bailey Flowers-Daniels, Emily Garlin, Brygan Parker, Emari Peters, Samantha Cox, Hannah Reed. **Row 3:** Faith Liphams, Nathan Brinkley, Blake Olsen, Hannah Cooper, Kathryn Jaeger, Marie Joergensen, Hayden Dowry.

ART CLUB



Front Row: Angeliqne Collins, Joseph Kibet, Karilyn Bloomfield, Victoria Bean, Ivey Moulton, Aid Pournouri, Justine Nguyen, Erin Lee, Tiffany Hoang. **Row 2:** Kaylee Kelley, Madison Allen, Hadley Whitten, Audrey Murphy, Sydney Hopkins, MacKenzie Acklen, Mary Old, Haley Heambutcheron, Vivian Nguyen, Earle Hutcherson. **Row 3:** Kyle Hatfield, Abby Calhoun, Josh Evans, Carleigh Scates, Abby Sanderson, Victoria Haley, Shannon Lee, Samantha Knowles, Sarah Kilgore, Sophia Tuttlebee. **Row 4:** Seth Hopkins, Ben LeGrand, Zack Smith, Kevin Nix, John Young, Bill Bulmeier, Natalie Hale, Amelia Bradley, Avery McEvoy.

LET'S MAKE IT OFFICIAL

"Being an officer of the Science Club gives me the chance to put my science skills to use," senior Jared Hambleton said. (MPayne)



"My grandmother is fluent in Spanish so I took interest. Now I'm in Spanish V and I decided to run for Spanish Club President," senior Lauren Davis said. (THurst)



"I try to take on a leadership role during our First Priority meetings, in hope of making a difference," junior Ryan Forbes said. (THurst)



DID YOU MISS ME?



"My faith makes me a better person all around. First Priority isn't just a way of saying I'm a Christian, but a way of showing that I'm one as well," junior Diego Morlet said. (AClark)



"It's very satisfying to do community service work. The women at the nursing home were so happy that Leadership was decorating their doors. It made my heart happy to see them happy," junior Isamine Bruce said. (Staff)



"Mrs. Smith asked us to go and I wanted to help out. We ran experiments with the Boy Scouts that we would do in a regular lab to help them gain their science badge," senior Kenna Atienza said. (MPayne)



"I really enjoy being in HOSA. I want to go into the medical field when I'm older so it's a great way to see which parts of it I find most interesting," senior Chris Yates said. (MPayne)

HOSA



Front Row: Brittany Anwarh, Nakina Livingston, Ashley Iglesias, Reagan England, Catherine Haley. **Row 2:** Torrey Hoang, Alexa Blank, Madison Howell, Bailey Flowers-Daniels, Savannah Jefferson, Khadijah Oritola, Emily Garlin, Kayla Fuesler, Brittany Campbell, Jessica Abbulimen, Kenna Atienza, Tara Hammett. **Row 3:** Devin Burns, Ashlyn Clark, Ethan Wagner, Solnye Garcia, Diego Morlet, Kathryn Jaeger, Hannah Cooper, Malvey Payne, Jared Hambleton, Jack Walker, Savina Swanson. **Row 4:** Emily McMillan, Celeigh Redden, Quincy Spellis, Nate Bulmeier, Chris Yates, Drew Matthews, Kenneth Huynh, Ja Darius Irvin, Harley Brasile.

FIRST PRIORITY



Front Row: James Tuttlebee, Zack Parris, Bailey Flowers-Daniels, Alle Hamman, Hannah Rainier, Elizabeth McClure, Jungrok Oh. **Row 2:** Zack Smith, Will Humphrey, Regan Beck, Noah Bates, Hannah Cooper, Kenna Glover, Daniel Gibbons, Jack Walker. **Row 3:** Jacob Hemminger, Damon Hughes, Diego Morlet, Joshua Robles, Cross Bright, Ryan Forbes, Matthew Lindsey, Jacob Thompson.

SPANISH CLUB



Front Row: Jedd Ramon, Lauren Davis, Will Humphrey, Elizabeth McClure, Hannah Garlitos. **Row 2:** Izu Choi, Audrey Murphy, Emily Engstrom, Andrea Luna, Emma Sama-Tye, David Meria, Brynn Blain, Tiffany Hoang. **Row 3:** Madeline Haak, Kevin Gonzalez, Joshua Robles, June Hee, Luke Bonei, Kolton Johnson, Samantha Knowles.

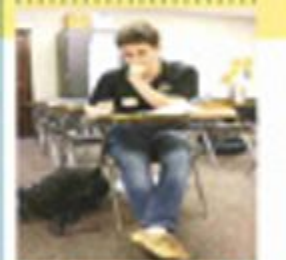
SCIENCE CLUB



Front Row: Eponor Monica Smith, Jared Hambleton, Chris Yates, Cayli Campbell, Aaron Pittman. **Row 2:**becca Brindler, Tessa Hunt, Madison Howell, Anna Yowell, Caroline Crain, Libby Blair, Thu Nguyen, Kenna Atienza, Cindy Chiang, Bryson Laing, Samuel Abbulimen, Jedd Ramon. **Row 3:** Allison Steed, Lauren Davis, Brittany Anwarh, Bailey Flowers-Daniels, Emily Engstrom, Hannah Griffin, Reagan England, Brooklyn Puzs, Kyle Rogers, Emma Sama-Tye, Solnye Garcia, Jungrok Oh. **Row 4:** Autumn Wagner, Caden Thompson, Lauren Allison, Kenna Glover, Collier Cordery, Malvey Payne, Celeigh Redden, Catherine Haley, Bryan Demas, Bill Bulmeier. **Row 5:** Kayne Robinson, Nate Bulmeier, Will Hlavinka, Marie Joergensen, Sydney Patrick, Daniel Gibbons, Kenneth Huynh, Damon Hughes, Jacob Thompson, Kevin Gonzalez.

ACADEMIC OVERLOAD:

with junior Will Hambleton



DESCRIBE YOURSELF IN THREE WORDS?

Confident, ambitious, determined.

COLLEGE PLANS?

I plan to study business and law.

DREAM JOB?

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

ARE YOU A PERFECTIONIST?

Yes, 100 percent.

ADVANCED CLASSES?

Yes, I'm in two dual credit and four AP classes.

FAVORITE CLUB?

STUCCO. I 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.

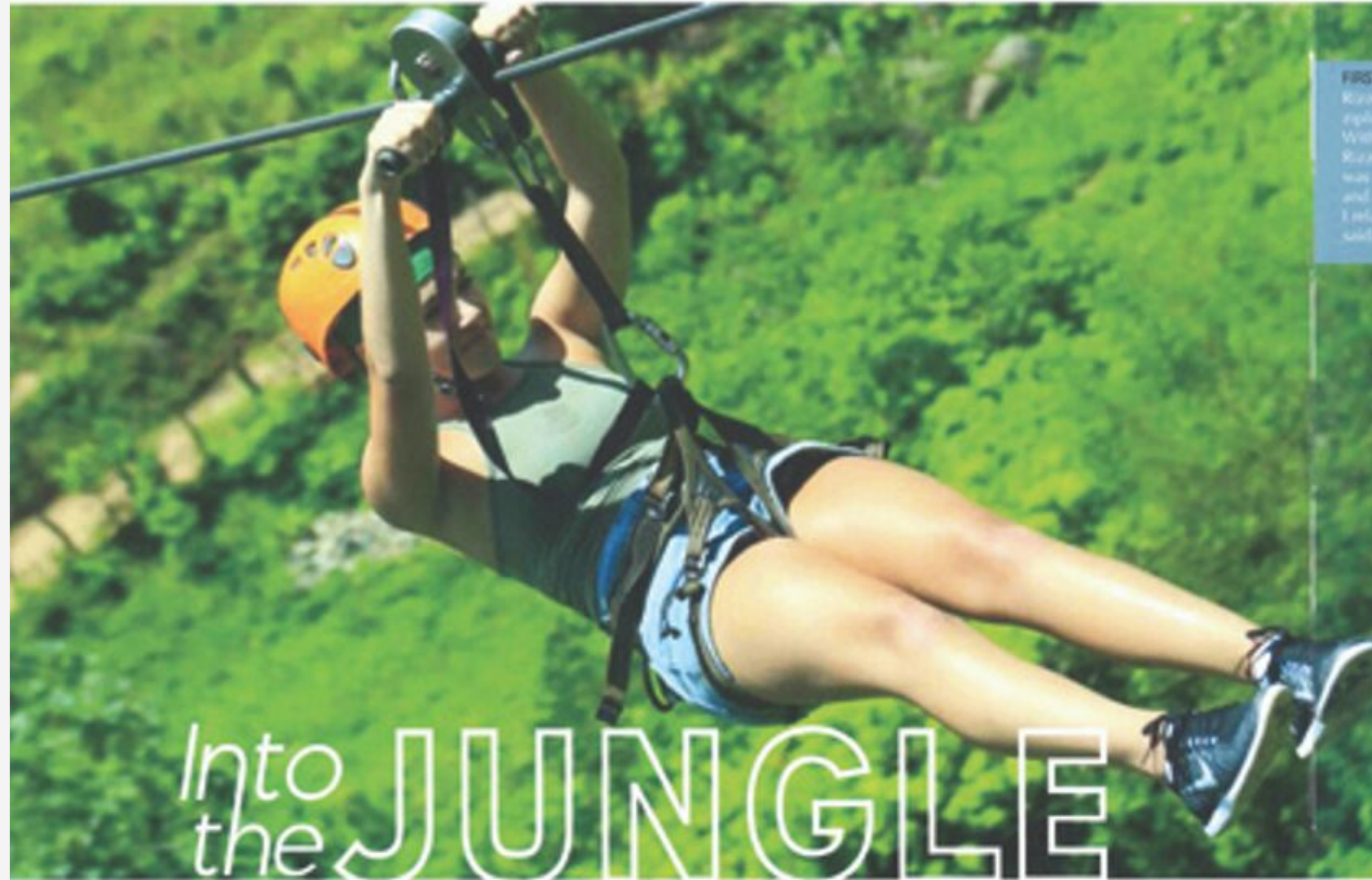
DIRECTION

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?



Into the JUNGLE

Students traveled around the world in search of a ziplining adventure.

get some NERVE

Before jumping 250 feet off the ground into the forest, Megan McCain ('19) talked herself through her fears. "I was really nervous, but once I saw younger kids in front of me go, I wasn't that nervous anymore. When I ziplined, I felt like I was on the top of the world," McCain said.

no guts no GLORY

Trademarked as a tourist attraction, the zipline in the Belizean jungle attracted Katelyn Arcaro ('16). "Ziplining in Belize was one of the most amazing experiences I've ever had. The rush of soaring through the air makes you feel unstoppable and it's something I will never forget," Arcaro said.

larger than LIFE

Dalton Pletscher's mental image of a small zipline changed once he arrived at the course in Costa Rica. "After hearing that the ziplines would be huge, I still didn't expect it to be quite as big as it was. It was massive. In some cases it was hard to see the ground," Pletscher said.

text: LHskins.designcd

FIRST TIME FOR EVERYTHING. Avery Kuznetz ('14) hangs in the air, ziplining through a forest in Mexico. With no previous experience, Kuznetz hesitated before jumping. "It was my first time. I was so anxious and nervous but after the first zip I relaxed and it was fun," Kuznetz said. Photo provided by A. Kuznetz.



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



LAUNCH OFF. Glancing down to the ground a few hundred feet below, Madison Williams ('19) prepares to jump off the platform. Forever Florida, located in St. Cloud, Florida, provided the opportunity close to home. "There was land everywhere and so many ziplining activities," Williams said. Photo provided by M. Williams.

SLOW IN LIKE. Dalton Pletscher ('14) rides the zipline through the rainforest. Pletscher clung to the rope as he swung through the forest. "While ziplining you are in the middle of this gigantic forest as far as you can see," Pletscher said. Photo provided by D. Pletscher.

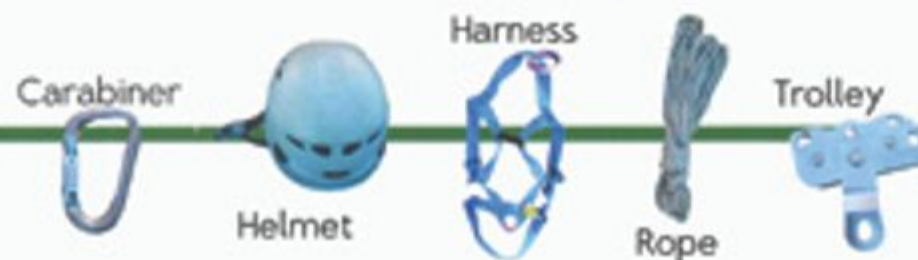


SKY HIGH. High above the ground, Sydney Marler ('17) climbs ropes at Tree Hoppers Adventure Park, The Dade City attraction replicated ziplining in a jungle. "It had just rained so the air felt refreshing on my face as well as the occasional raindrop from the leaves above me," Marler said. Photo provided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

QUEEN OF THE JUNGLE. Zooming through the trees, Yarena 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 Y. Gallappo.

SAFETY FIRST

Photos by A. Rosenberg
The required gear worn while ziplining.





GRID

DRAWING EXERCISE

USE THE THUMBNAIL SHEET
LET'S DO ONE TOGETHER



**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

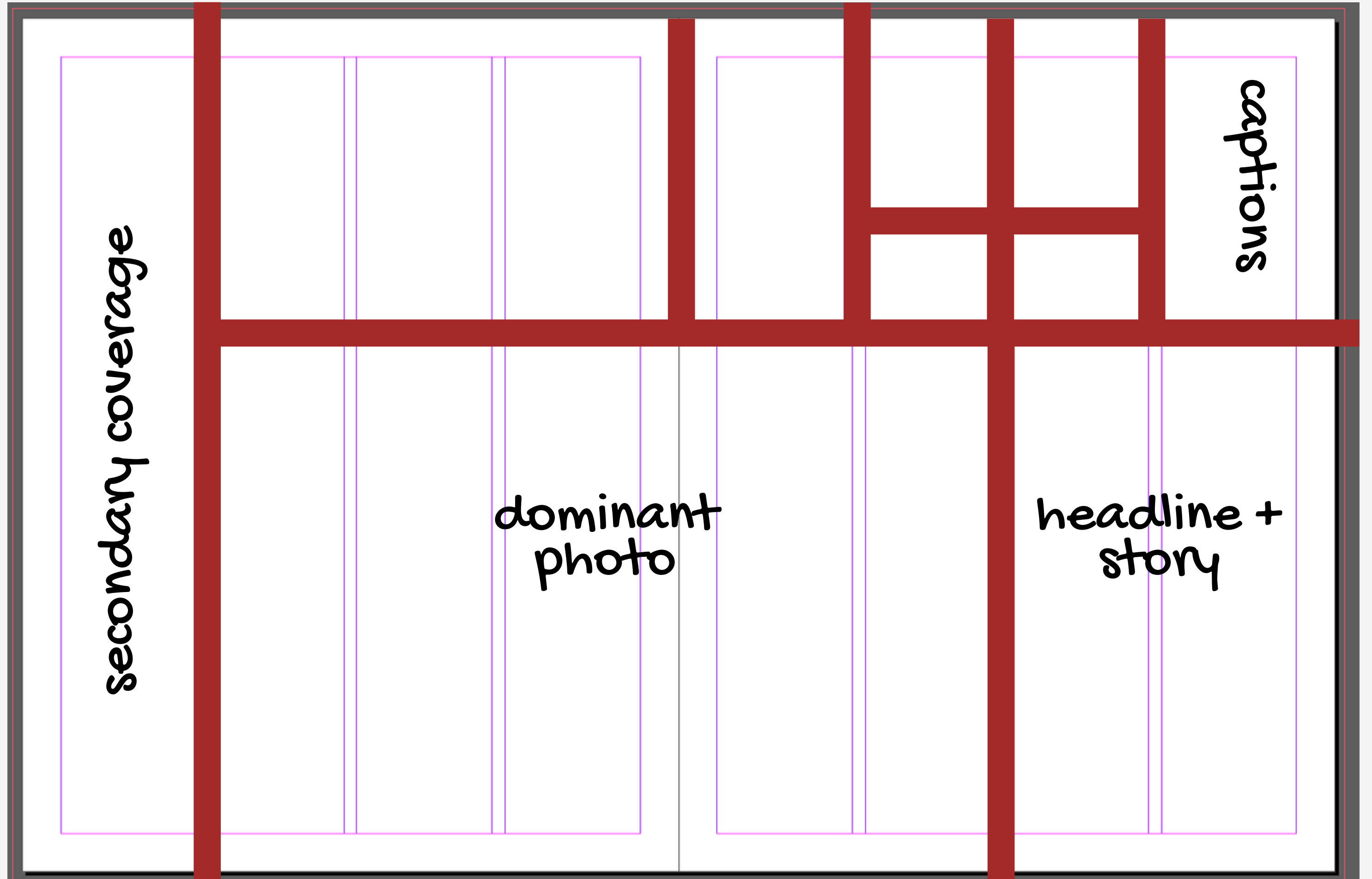
Secondary Coverage Mod

Caption Box

Additional photos of varying size/shape



example:





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