Line
Shape/Mass Light/Value Color ..... Texture / Pattern ..... C
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Tme and Motion

Unity / Variety
Balance Emphasis / Subordination Scale and Proportion Rhythm

## Principles of Design

- UNITY AND VARIETY
- BALANCE
- Symmetrical Balance
- Asymmetrical Balance
- EMPHASIS AND SUBORDINATION
- SCALE AND PROPORTION
- RHYTHM
- ELEMENTS AND PRINCIPLES: A SUMMARY


## Unity and Variety

- The result of bringing the elements of art into the appropriate ratio between harmony and variety to achieve a sense of oneness.
Variety:
Differences that provide interest and contrast.
Unity:
The sense of oneness, of things belonging together and making up a coherent whole.


Jackson Pollock, Shimmering Substance (Sounds in the Grass series), 1946, Oil on Canvas, $30 \times 24^{\prime \prime}$


Keltie Ferris




Yun-fei Ji, the empty city - east wind, 2003 mineral pigment on xuan paper $35.5 \times 53.5$ inches


Yun-fei Ji, the empty city - fragrant creek, 2003, mineral pigment on xuan paper $59.25 \times 37.5$ inches


Roger Brown, Mountain Sites, 1973

## Harmony

- quality achieved by different elements of a composition interacting to form a whole. Harmony is often accomplished through repetition of the same or similar characteristics.

Lake Michigan, Gills Lock (Seascape) Hiroshi Sugimoto, 1995

Sea Of Japan (Seascape) Hiroshi Sugimoto, 1995

Bay Of Sagami (Seascape) Hiroshi Sugimoto, 1995

Mediterranean, La Ciota 2 (Seascape) Hiroshi Sugimoto, 1989

Ionian Sea, Santa Cesarea (Seascape) Hiroshi Sugimoto, 1989

## Repetition

- use of the same visual effect a number of times in the came composition - may produce dominance, harmony, pattern, and/or rhythm

Tara Donovan Untitled, 2003
Styrofoam Cups, Hot Glue $6^{\prime}(H) \times 20^{\prime}(W) \times 19^{\prime} 2^{\prime \prime}(D)$ Ace Gallery New York


Tara Donovan
Untitled, 2003
Styrofoam Cups, Hot Glue
$6^{\prime}(\mathrm{H}) \times 20^{\prime}(\mathrm{W}) \times 19^{\prime} 2^{\prime \prime}(\mathrm{D})$
Ace Gallery New York


Ace Gallery New York
Haze，2003
Stacked Clear Plastic Drinking Straws
$12^{\prime} 7$＂（H）x $42^{\prime} 2$＂（W） $7 / 4^{\prime \prime}(D)$ Haze，2003
Stacked Clear Plastic Drinking Straws
$12^{\prime} 7$＂（H）x $42^{\prime} 2$＂（W） $7 / 4^{\prime \prime}(D)$ Haze，2003
Stacked Clear Plastic Drinking Straws
$12^{\prime} 7$＂（H）x $42^{\prime \prime}($ W） $7 / 4$＂（D）
Hen
 Haze，2003
Stacked Clear Plastic Drinking Stral
$12^{\prime} 7$＂（H）x $42^{\prime} 2 "(W) 7 / 4^{\prime \prime}(D)$


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Haze, 2003
Stacked Clear Plastic Drinking Straws
$12^{\prime} 7^{\prime \prime}(H) \times 42^{\prime} 2^{\prime \prime}(W) 73 / 44^{\prime \prime}(D)$
Ace Gallery New York


Haze, 2003
Stacked Clear Plastic Drinking Straws
$12^{\prime} 7^{\prime \prime}(\mathrm{H}) \times 42^{\prime} 2^{\prime \prime}(\mathrm{W}) 73 / 44^{\prime \prime}(\mathrm{D})$
Ace Gallery New York



## JACKSON POLLOCK, Number 1, 1950 (Lavender Mist), 1950. Oil, enamel, and aluminum paint on canvas, $7^{\prime} 3^{\prime \prime} \times 9^{\prime} 10^{\prime \prime}$.




Manufacturing \#17,
Deda Chicken Processing Plant, Dehui City, Jilin Province, 2005


Andreas Gursky










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 FFG97995FGFF-- waw


## Repetition

- Steve Reich - "Piano Phase" - two pianists playing the same identical short repeating pattern; one player maintains a steady tempo - while the other slightly increases his tempo as gradually as possible until he is one note ahead of the first player - then increases again (two notes ahead) - until they have returned to unison playing.


## BALANCE

A sense of equilibrium achieved through implied weight, attention, or attraction, by manipulating the visual elements within an artwork

1. Symmetrical
$-1 / 2$ and $1 / 2$ a portion on one side of the format is repeated on the other
Approximate Symmetry
some variety, more interest but loss of some harmony
Radial Balance
distributed around a central point
2. Asymmetrical balance
felt equilibrium between parts of a picture
no center point or dividing axis










Row 1. Christian, Jewish, Hindu
Row 2. Islamic, Buddhist, Shinto
Row 3. Sikh, Baha'i, Jain

Renato Bertelli, "Head of Mussolini," 1933



Playing with Tradition, a hand knotted wool carpet design by Richard Hutten.


## Deer's Skull with Pedernal 1936

Georgia O'Keeffe, American, 18871986
$91.44 \times 76.52 \mathrm{~cm}(36 \times 301 / 8 \mathrm{in}$.


René Magritte
The Palace of Curtains, III [Le Palais des rideaux (III)]. (1928-29)
Oil on canvas, $32 \times 457 / 8 "(81.2 \times 116.4 \mathrm{~cm})$


Frida Kahlo, "The Two Fridas", 1939, Oil on canvas $68 \times 68$ in. ( $173 \times 173 \mathrm{~cm}$ )
Museo de Arte Moderno, Mexico City



ÉDOUARD MANET, A Bar at the Folies-Bergère, 1882. Oil on canvas, approx. $3^{\prime} 1^{\prime \prime} \times 4^{\prime} 3^{\prime \prime}$.

Courtauld Institute of Art Gallery, London.


Katharina Fritsch


ALEXANDRE-GUSTAVE EIFFEL, Eiffel Tower, Paris, 1889 (photo: 1889-1890). Wrought iron, 984' high.


$$
\begin{aligned}
& \text { WILLIAM VAN ALEN, Chrysler Building, New } \\
& \text { York, New York, 1928-1930. Spire of stainless } \\
& \text { steel, overall height 1,048'. }
\end{aligned}
$$



## Asymmetrical Balance



## Asymmetrical Balance

- A large form is visually heavier than a smaller one
- A dark-value form is visually heavier than a lighter-value form
- A textured form is visually heavier than a smoother form of the same size
- A complex form is visually heavier than a simple form of the same size
- A smaller dark form can balance a light one


## Asymmetrical Balance

- An object far from the center of the picture seems to have more weight than one near the center.
- Objects in the upper part of a picture seem heavier than objects of the same size in the lower part of a picture.
- Isolation seems to increase the weight of an object. Intensely interesting objects seem to have more compositional weight.
- Elements on the right side of an asymmetrical picture appear to have more weight than elements of the same size on the left side of the picture.






'Winter Landscape with Church' by Caspar David Friedrich 1811


School of Tawaraya Sotatsu Japan Edo period 17th century Dimensions: H. 671/4" x W. 74"



Red Plates with Geometric Design by Jean Luce

Abstraction, Twin Lakes, Connecticut, 1916
Paul Strand (American, 1890-1976)
Silver-platinum print; $1215 / 16 \times 95 / 8$ in. $(32.8 \times 24.4 \mathrm{~cm})$


## EMPHASIS AND SUBORDINATION

- Some visual elements dominate others
- Contrast
- Color/Value
- Scale - Proportion
- Shape
- Placement - Proximity or Isolation


EL GRECO, The Burial of Count Orgaz, Santo Tomé, Toledo, Spain, 1586. Oil on canvas, approx. $16^{\prime} \times 12^{\prime}$.



## BANKSY

"Last Judgment Triptych" by Hans Memling 1467-71


## SCALE AND PROPORTION

- Scale - size in relation to a standard or "normal" size
- Proportion - size relationships between parts of a whole or between two or more items perceived as a unit
- "There is no excellent beauty that hath not some strangeness in the proportion." - Francis Bacon





Claes Oldenburg


Claes Oldenburg


Katharina Fritsch, "Rat King", 1993


Liz Shaking Fist at Ray, Richard Billingham

## Golden Section










$n+$. minn












LE CORBUSIER, Notre Dame du Haut, Ronchamp, France, 1950-1955.



Paul Cezanne, Mont Sainte-Victoire Seen from Les Lauves 1904-06 ( 100 Kb ); Oil on canvas, $66 \times 81.5 \mathrm{~cm}(26 \times 321 / 8 \mathrm{in})$

## Rhythm

- a sense of movement achieved by the repetition of visual units (motifs) and elements - use of measured accents


PAUL CEZANNE, The Basket of Apples, ca. 1895. Oil on canvas, $2^{\prime} 3 / 8^{\prime \prime} \times 2^{\prime} 7^{\prime \prime}$. The Art Institute of Chicago, Chicago


CAMILLE PISSARRO, La Place du Théâtre Français, 1898. Oil on canvas, 2' $41 / 2^{\prime \prime} \times 3^{\prime} 1 / 2^{\prime \prime}$. Los Angeles County Museum of Art, Los Angeles






