

History of Interior Design & Architecture

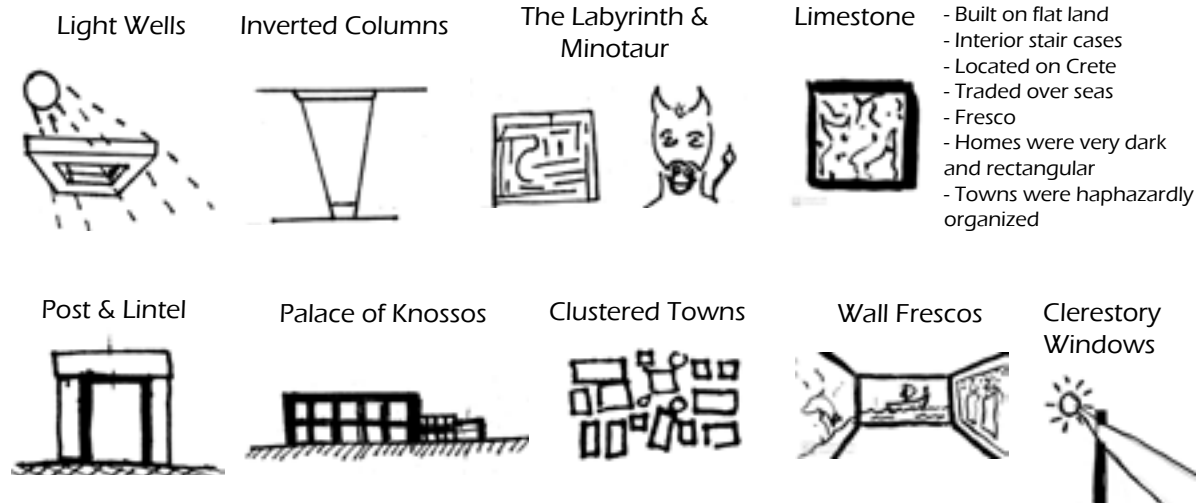
Madeline McIntyre

Spring 2020

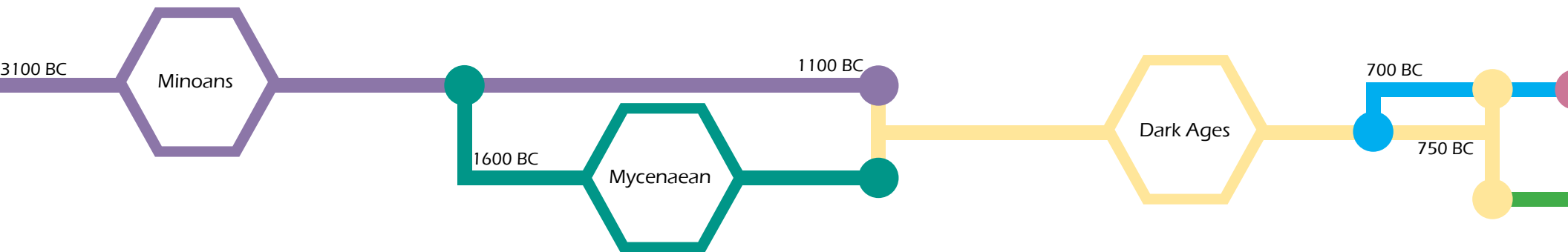
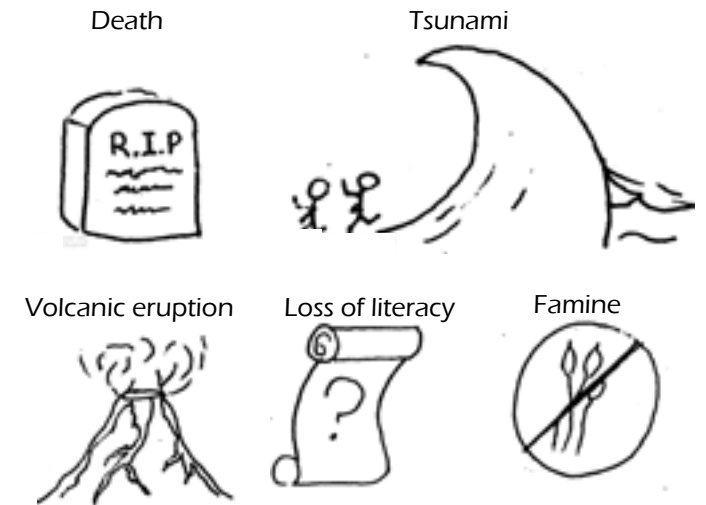
IDE 254

Jorg Schnier

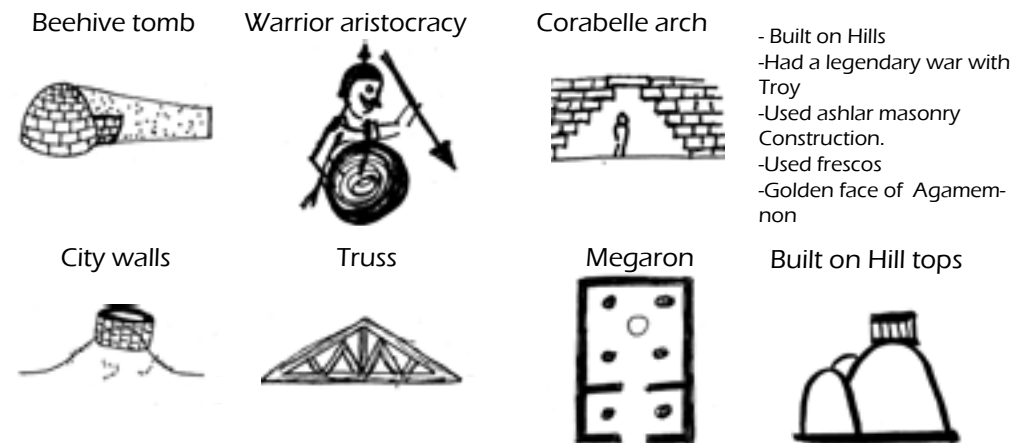
Minoans: (3100BC- 1100BC)



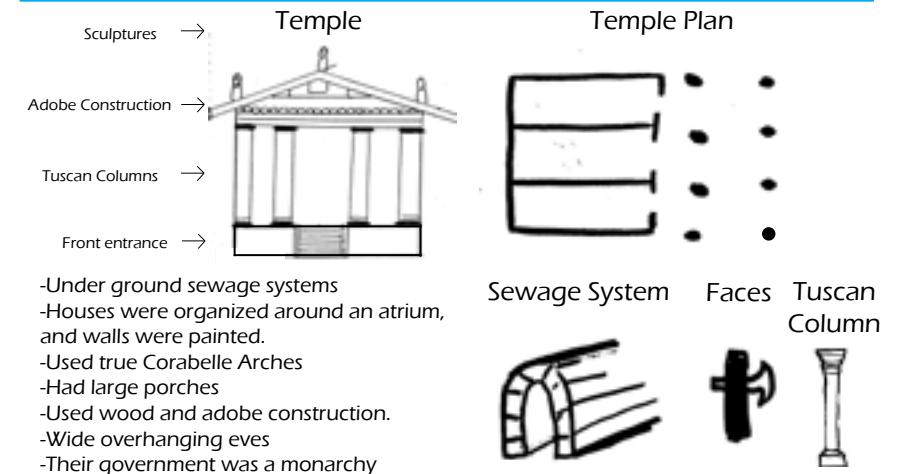
Dark Ages: (1100BC-750BC)



Mycenaean: (1600BC-1100BC)

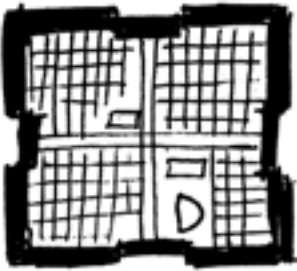


Etruscan: (700BC-300BC)




Rome: (753BC-476AD)

City Plan

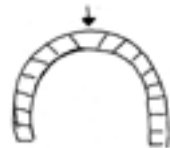


- Decumanos
- Cardos
- Amphitheater
- City walls/ Gates
- Bath house
- Grid plan


Pantheon




vousoir arch




Center Stair




Aquadux




Composite Column



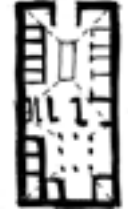
Colosseum



Engaged Column



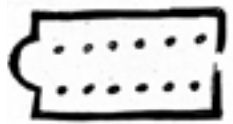
Roman House



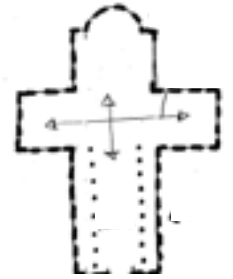
- Cement
- Domes
- Engaged columns
- Underground sewage system
- Triumphal arch
- Town houses (Domus)
- Apartment houses (insulae)
- Roman Roads
- Built basilicas for community use

Early Christian (100- 500AD)

Basilica plan



Early Cathedral Plan




- Christians borrowed the Roman basilicas floor plan to build churches.
- Over time the architecture developed into Crucifix plans.
- These churches faced west, had an apse, nave, transept, and side aisles.



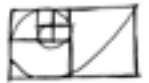
Greece: (750BC-146BC)

Columns


Doric Ionic Corinthian Amphitheater




Golden ratio




Caryatids




Democracy




Temple




Body Measurements



Triclinium




Entasis




- Used optical illusions to trick the eye into seeing perfection.
- Used entasis on Doric column
- Temples were made out of marble.
- Acropolis of Athens Parthenon (447-432)
- Greek houses, had a triclinium, tablinum, bedrooms, and an open court yard.
- Furniture: Kline, Lamax, Kismos

Byzantine: (330AD-1453AD)


Impost block



Windswept Column



Church plan



- Equilateral cross plan
- Quenquix plan
- Use of domes and half domes
- Gold Mosaics
- Use of red brick
- Outside was plain Inside was decorated
- Glass mosaics on the walls and ceiling

Mid-evil Dark Ages: (476AD-800AD)

No Written Laws



Constant War



Feudal system

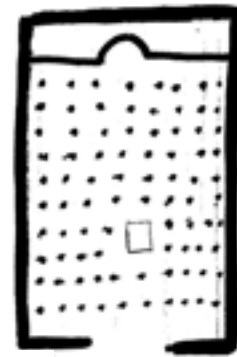


- Fall of the roman empire caused the mid-evil dark ages.
- Growth of catholic church
- Growth of the Frankish Empire
- Monasticism
- Pilgrimages/ Crusades

Islam: Started (622AD)

- Minaret
- Qibla Wall
- Mihrab
- Mihrab niche
- Prayer hall
- Court Yard

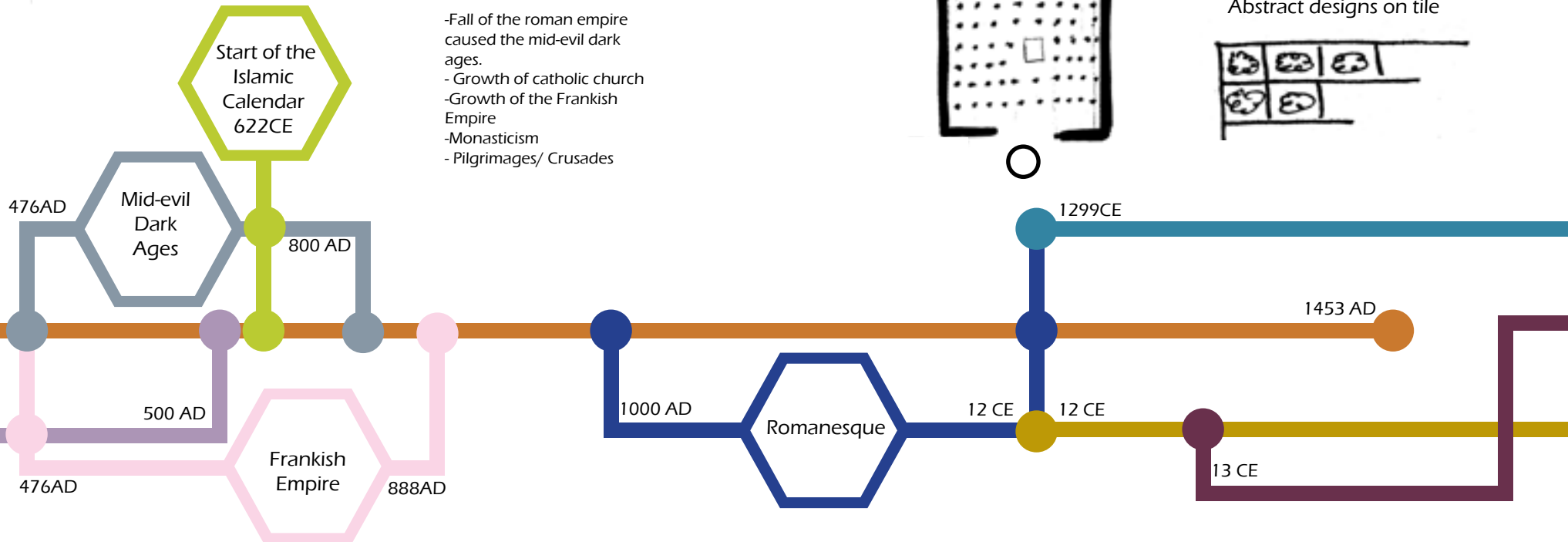
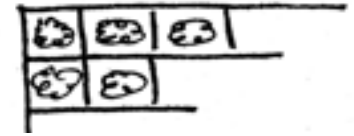
Floor Plan of Mosque



Cross section of Mosque

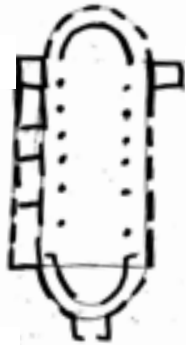


Abstract designs on tile



Frankish Empire: (476AD-800AD)

Plan of St. Gall Charlemagne & The Pope



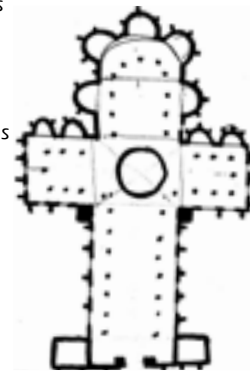
The pilgrimages

- Growth of catholic church
- Growth of the Frankish empire
- Monasticism
- Pilgrimages/ Crusades
- Crowning Charlemagne in 800CE

Romanesque: (1000AD-12CE)

- Thick walls
- Small windows
- Dark interior
- Ambulatory
- triforium
- Clerestory
- Paired Columns

Church Plan



Cushion / historiated



Wheel Window



Rubble Masonry



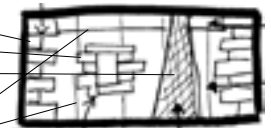
Westwork



Diaphragm Arch

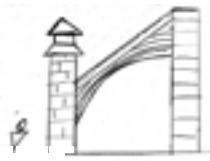


- Quions
- Jambs
- Buttresses
- Lombard post
- Vertical jambs



Gothic: (13CE-16CE)

Flying Buttresses



Pointed arch



Rose window



Ribbed vaults



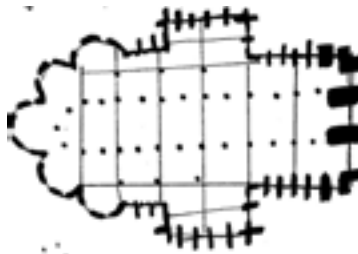
Stained glass



Cross section



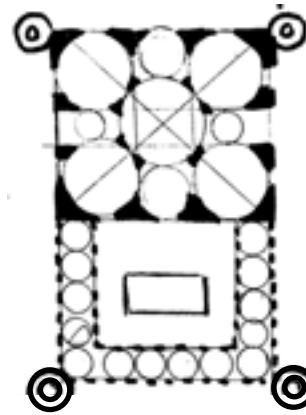
Church Floor Plan



- Large windows
- Thin walls
- Bright interiors
- High ceilings

Ottoman Empire (1299CE-1923CE)

Quincunx plan



Cross section



- Moorish architecture, pattern domes.
- Use of abstract geometric tile
- Carved gypsum patterns
- Calligraphy
- Four minarets

Ottoman Empire

Renaissance

16 CE

16 CE

16CE

Gothic

Baroque

1740 CE

1750 CE

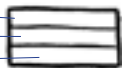
Renaissance: (13CE-16CE)

- Rising Merchants and bankers
- Catholic church decline
- Rise of humanism
- Strong patronage of the arts
- Leonardo de Vinchi
- Filippo Brunelleschi
- Massachios, Holy trinity
- High renaissance interiors decoration, has marble inlay floors, stucco, paintings, and wall paper.

Trompe-l'œil



Houses



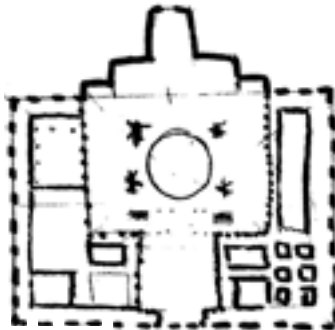
Rustication



Perspective drawing



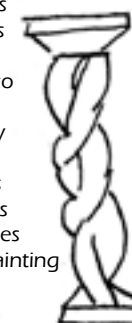
Floor Plan



- 3. Servants
- 2. Nobles
- 1. Store front & storage

Baroque: (16CE-1740CE)

Solomonic Column



Stair cases



Broken Pendant



Onion Dome



- Oval Shapes
- Giant scrolls
- Gold leaf
- White stucco
- Fresco's
- Theatricality
- Puti
- Foe finishes
- Giant orders
- Onion domes
- Religious painting

Church Floor



Giant Scroll



Neoclassical Style (1750CE-1830CE)

Capital Building



Discovery of Pompeii



Colonnades



Sculptures



Triumphal Arch



Jeffersonian style Pediment



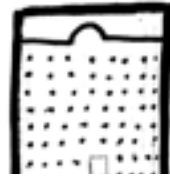
Thomas Jefferson's Bed



Federal Style Open Forums



Greek Revival



- Quadrigas
- Domes on Drums
- Classical Temple front Facades
- Latin inscription on buildings
- Symmetry exteriors
- Palladian influences
- Giant Order
- Classical Style Sculptures

Industrial Revolution (1800-1900CE)

Shipping on Train



Crystal Palace



Structural Steel Sky Scraper



Opening of the Suez Canal



Invention of Elevator



Balloon Framing



Child Labor



Mass Production of nails



Office Building Construction



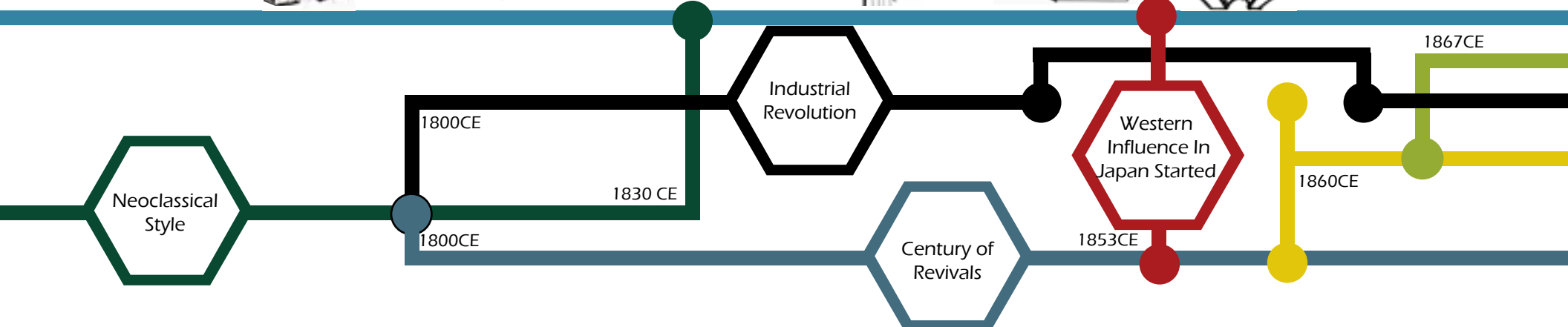
Cast Iron Bridge



Invention of the Circular Saw



- Modular construction systems
- Prefabricated Iron sections
- Large sheet glass
- Better transportation
- Modern machines
- Chicago fire



Century of Revivals (1800-1900CE)

Gothic Revival House



Victorian Era Revival Sketch



Victorian Era Octagon house Floor plan



Romanticism: Cologne Cathedral Plan



Colonial Revival House



Queen Anne Style



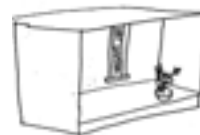
- John Ruskin 7 Lamps of architecture
- Italian Villas
- Stick style
- Romanesque revival
- Second empire revival
- Queen Anne style
- Shingle Style
- Fantasy buildings
- Exotic revivals
- Board & batten siding
- Gingerbread decoration

Western Influence in Japan Started (1853CE)

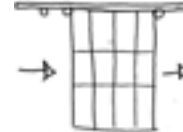
Use of Bamboo



Tokonoma



Use of Sliding Doors



Ikebana



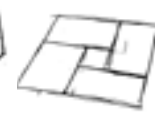
Fusuma Wall



Futon



Tatami



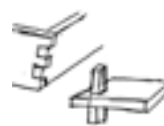
Chashitso



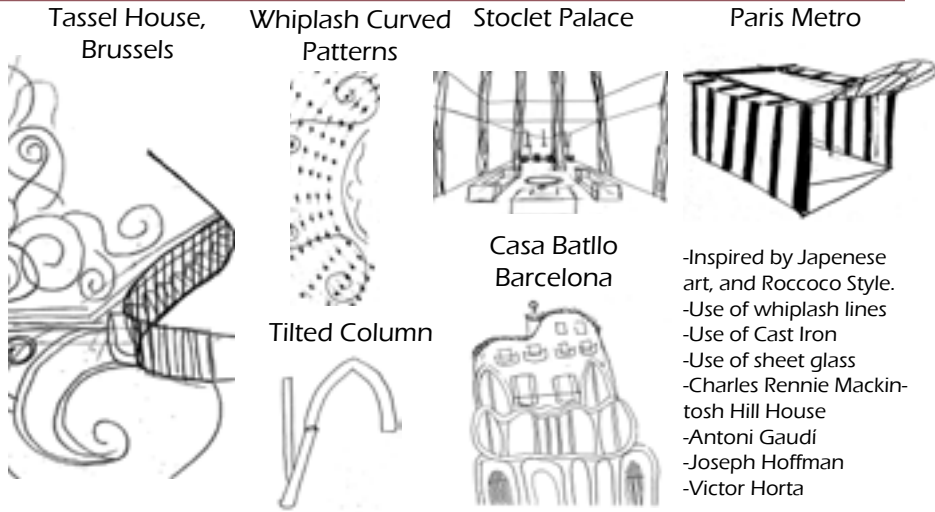
Post & Beam Construction



Complex Wood Joinery

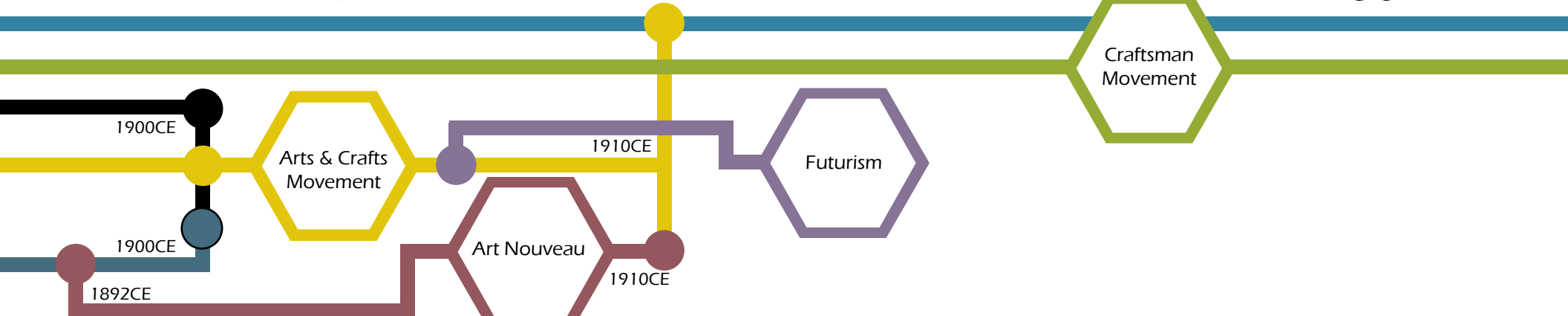


Art Nouveau (1892-1910CE)

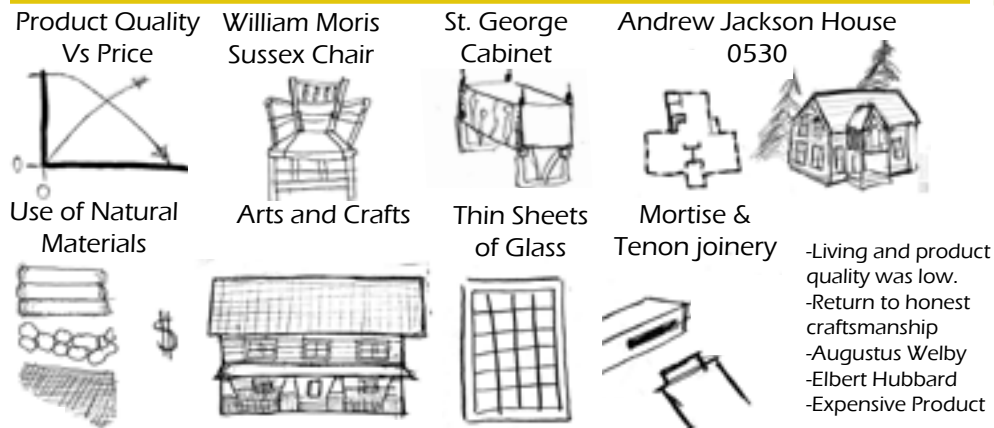


- Inspired by Japanese art, and Roccoco Style.
- Use of whiplash lines
- Use of Cast Iron
- Use of sheet glass
- Charles Rennie Mackintosh Hill House
- Antoni Gaudi
- Joseph Hoffman
- Victor Horta

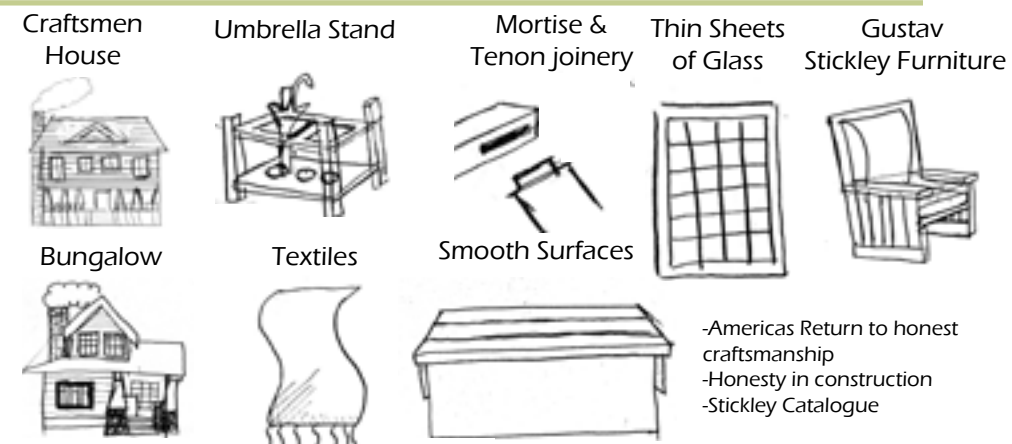
Futurism (Started Early 20th Century)



Arts & Crafts Movement (1860-1910CE)



Craftsman Movement (1867-1930CE)



De Stijl (1917-1930CE)

Piet Mondrian
Painting



Theo Van Doesburg
Painting



Gerrit Rietveld R&B
Chair



Rietveld R&B
Schroder House



City of Space



1919CE

Bauhaus

1925CE

Vertical and
Horizontal Focus



Cafe De Unie
Jacobs Johannes



De Stijl

1930CE

International Style (1922- Present)

Turbine Factory



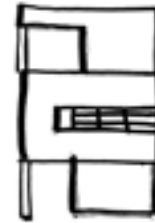
Villa Savoye



Flat Roof



Aluminaire House



Lecorbusier Weissenhof
Estate



Fagos Factory



1917CE

1923 CE

1922CE

1930CE

1920CE

1930CE

International
Style Started

Constructivism

Constructivism (1920-1930CE)

El lissitzky Skyscraper



Melnikov House



Alexzander Rodchenko's
Workers Club



Vladimir Tatlin
Sculpture



Iron, Glass & Concrete



Steal Girder
Structures



The Shukhov
Tower



Bauhaus (1919-1925CE)

Chess Set Josef
Hartwig



Bauhaus School of
Design



Walter Gropius Office



Circular Workshops



Barcelona Pavilion,Ludwig
Mies van der Rohe



Schmidt Wall
Hanging



Marcel Breuer Ladies
Changing Table



Peter Keler Cradle



Ulm School (1953-1968CE)

Ulm School



Max Bill Stool



Max Bill Tripod Chair



High Tech (1970s)

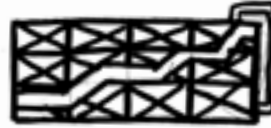
Sir Norman Foster
Central Station



Sir Norman Foster
Bank



Renzo Piano, Center
Pompidou



Ron Herron, Walking City



Olympic Center
Günter Behnisch



Renzo Piano
Lloyd Building



Post Modernism (1960s- Present)

Leon Krier Windsor
Village Hall



Christoph Mackler
Residential Project



Kengo Kuma
Showroom



Space Age (1960s)

Space Needle



Chremosphere
House



Ken Adams Set
Design



Space Age
Town Taiwan



Moon Landing



Deconstructivism (1980s - Present)

Daniel Libeskind Jewish
Museum



Zaha Hadid Vitra Fire
Station



Frank Gehry House



Memphis (1981-1987CE)

Ettore Sottsass King
Bed



Ettore Sottsass Chair



Ettore Sottsass Form

