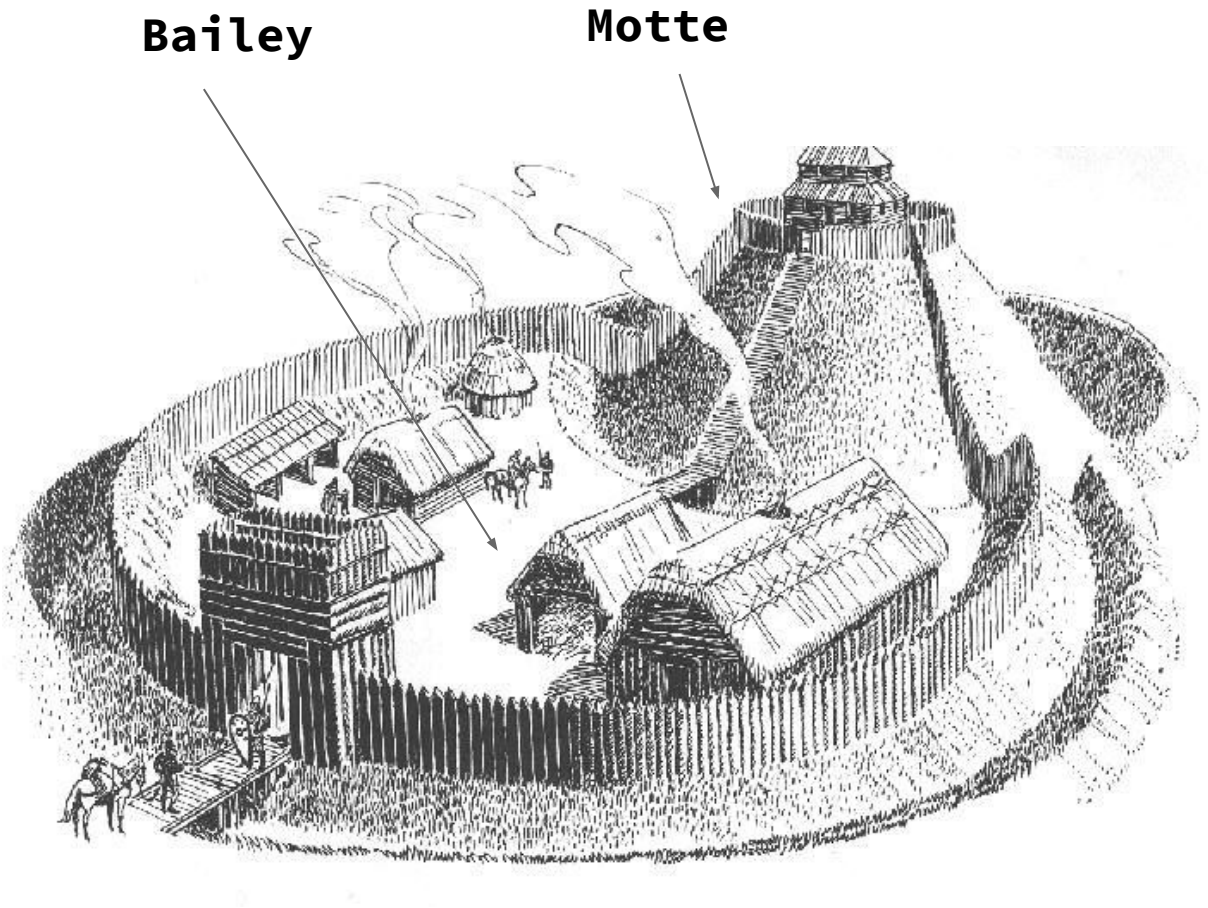
Medieval Castles

Group Design Challenge

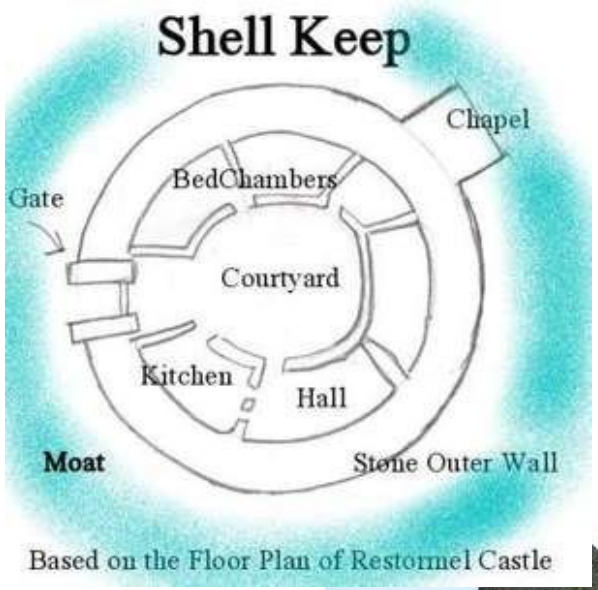
Early Medieval Castles

- Often built from wood
- Motte: Mound of Earth
- Bailey: Flat part next to Motte
- Keep was on the top of the motte, while other buildings were on the bailey



Shell Keep Castles

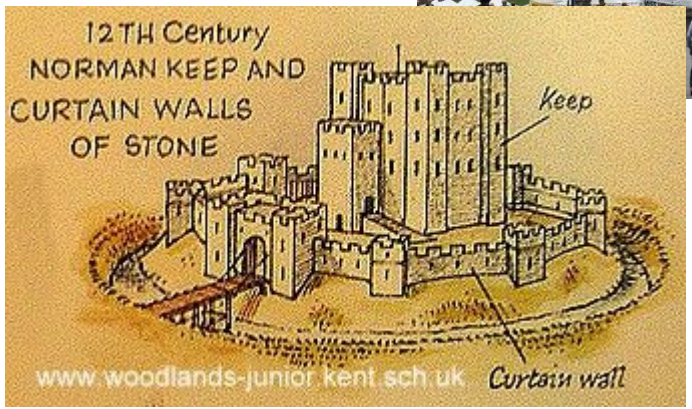
- 1100’s and 1200’s
- Built as a way to strengthen the motte and bailey design.
- Stone replaced the wood walls.
- Fairly rare these days.



Norman Stone Castles

Advantages:

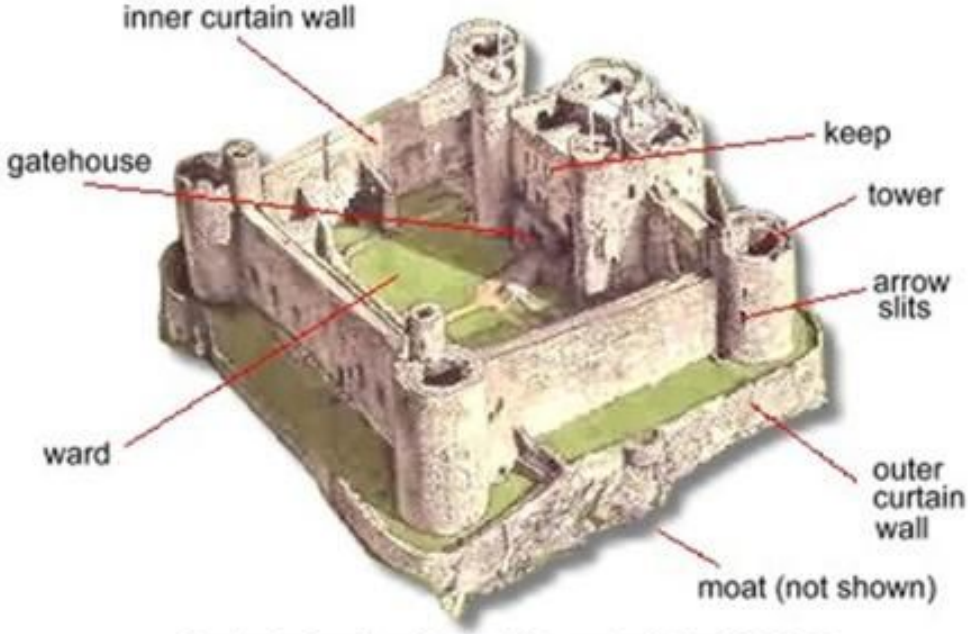
- Could survive attacks using fire
- Stone walls and towers were much stronger against catapults and siege engines
- Stone buildings would last for centuries,
- Stone buildings could be much larger and grander



Disadvantage:

- Expensive & Time consuming to build and maintain

Stone Castles

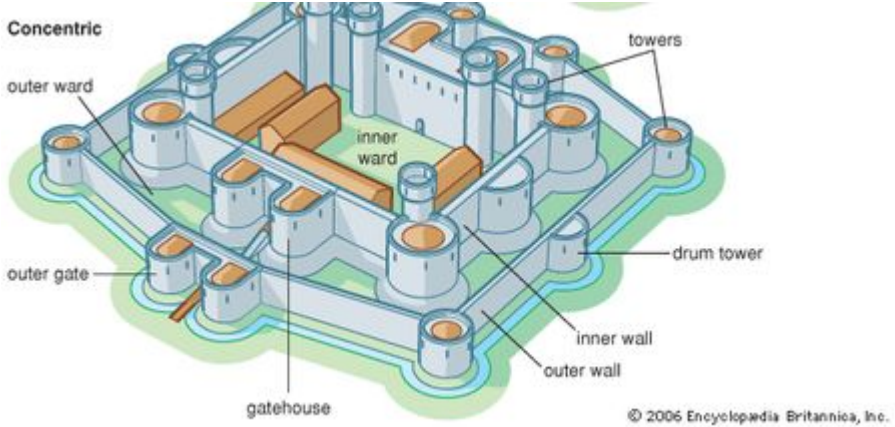


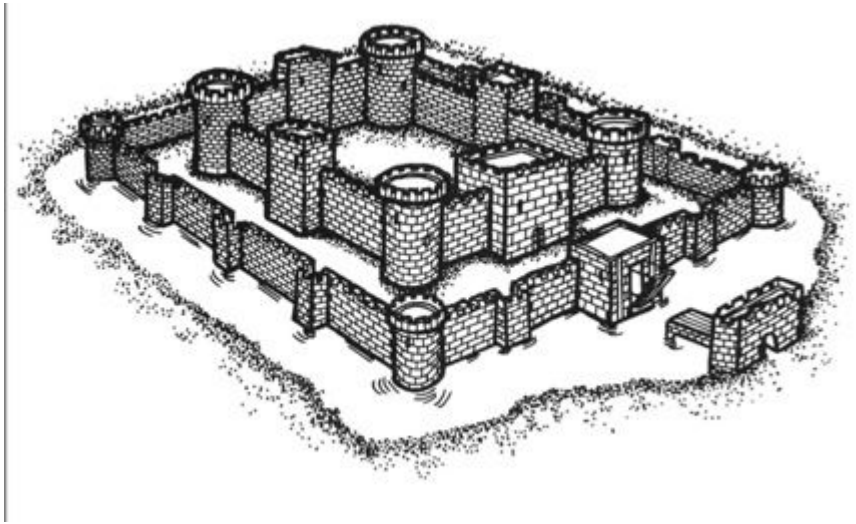
Harlech Castle, North Wales, built in 1283 AD

Video Link - Castle Design

Concentric Castles

- Most defensive castle plan, first designed around 1270
- Thicker outer walls
- Inner wall and outer wall
- Very expensive to build





Concentric Castles

Bodiam Castle in England - Built 14th Century

Parts of a Castle

- Towers
- Walls connecting towers
- Crenellations
- Arrow slits (or loops)
- Portcullis
- Gatehouse (also called Barbican)
- Inner buildings (including the keep)

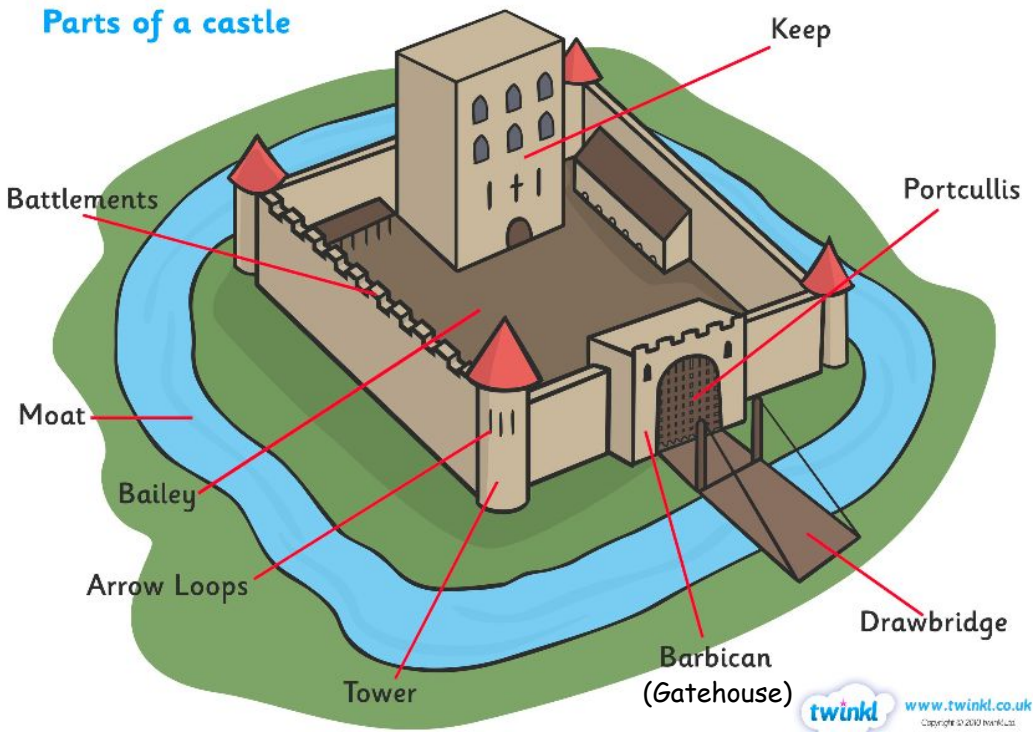
Provided a safe place for soldiers, with arrow slits, battlements & crenellations from which to fire

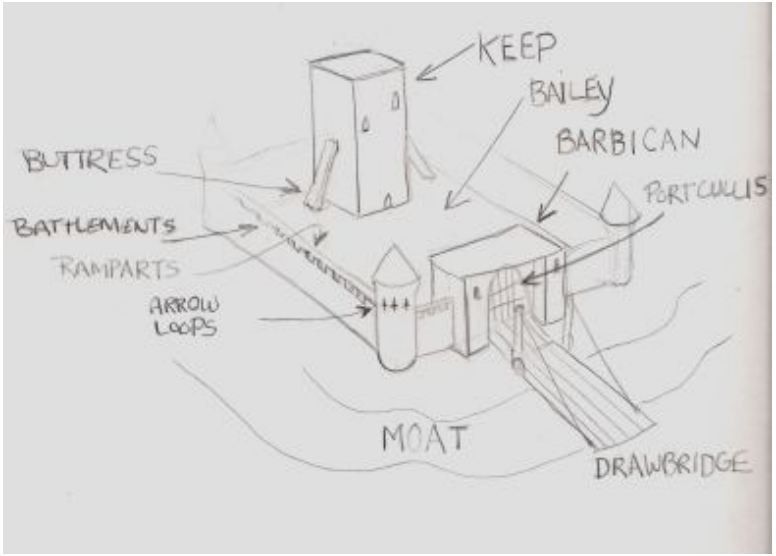
Heavy, reinforced door or gate that could slide up and down

Building around the portcullis for guards, that contained traps and “murder holes”.

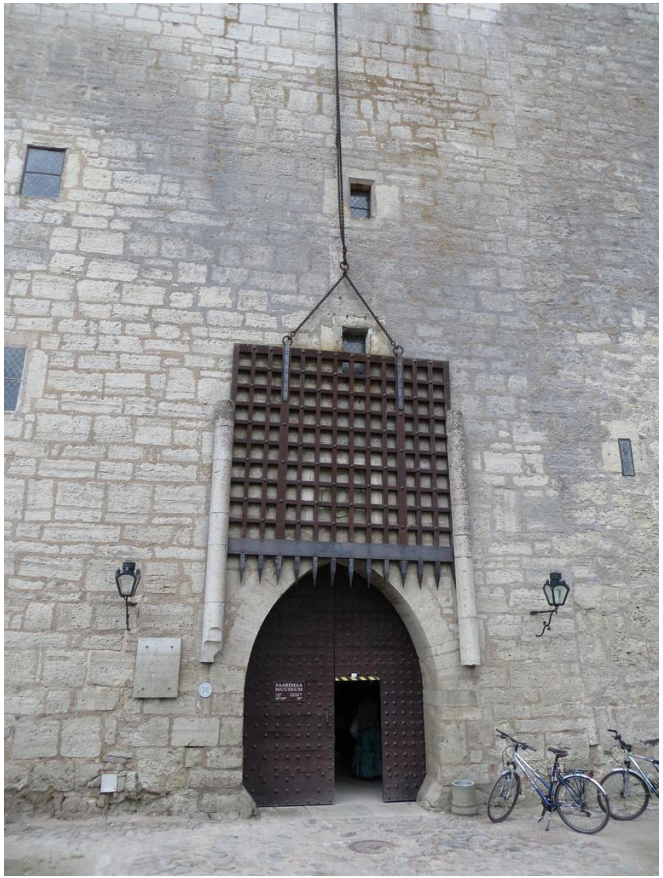
Other buildings included the Keep, chapel, kitchens, chamber buildings, dungeons, stables

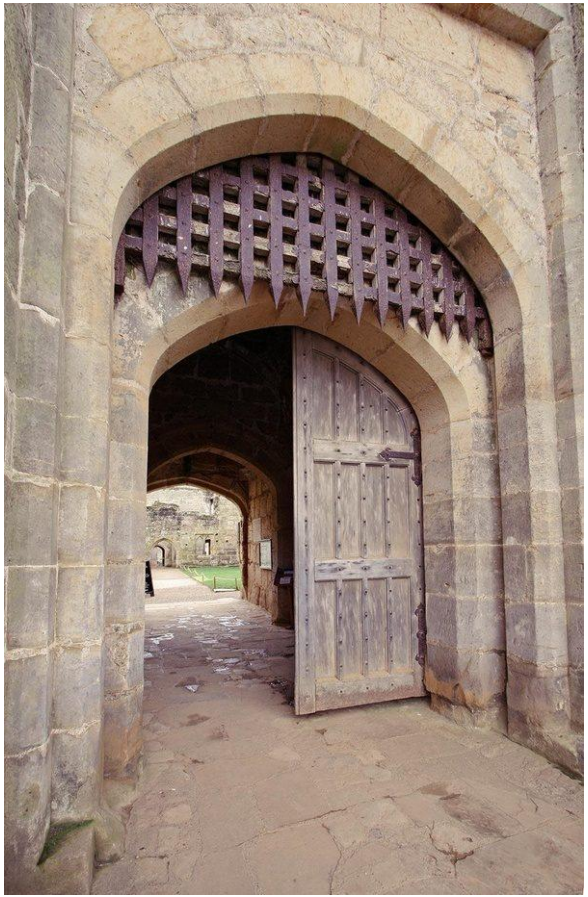
Castle Diagram



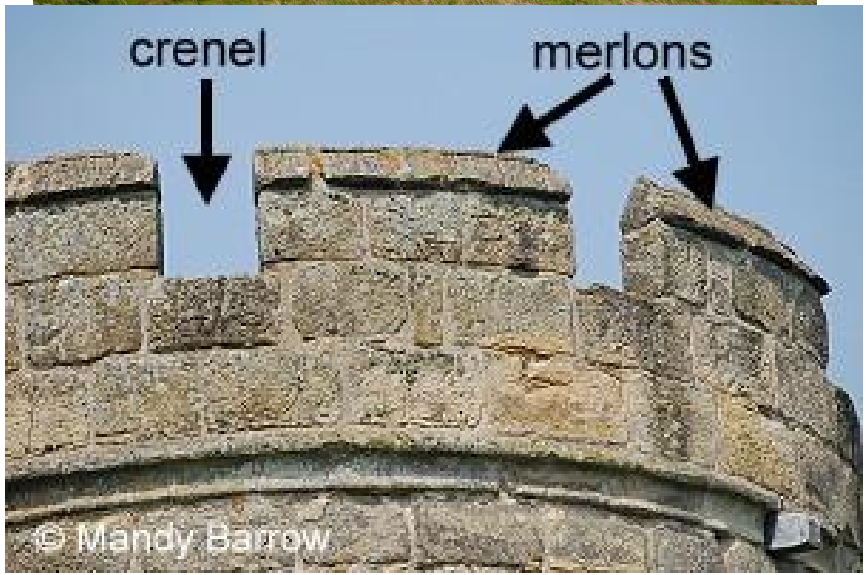


Portcullis



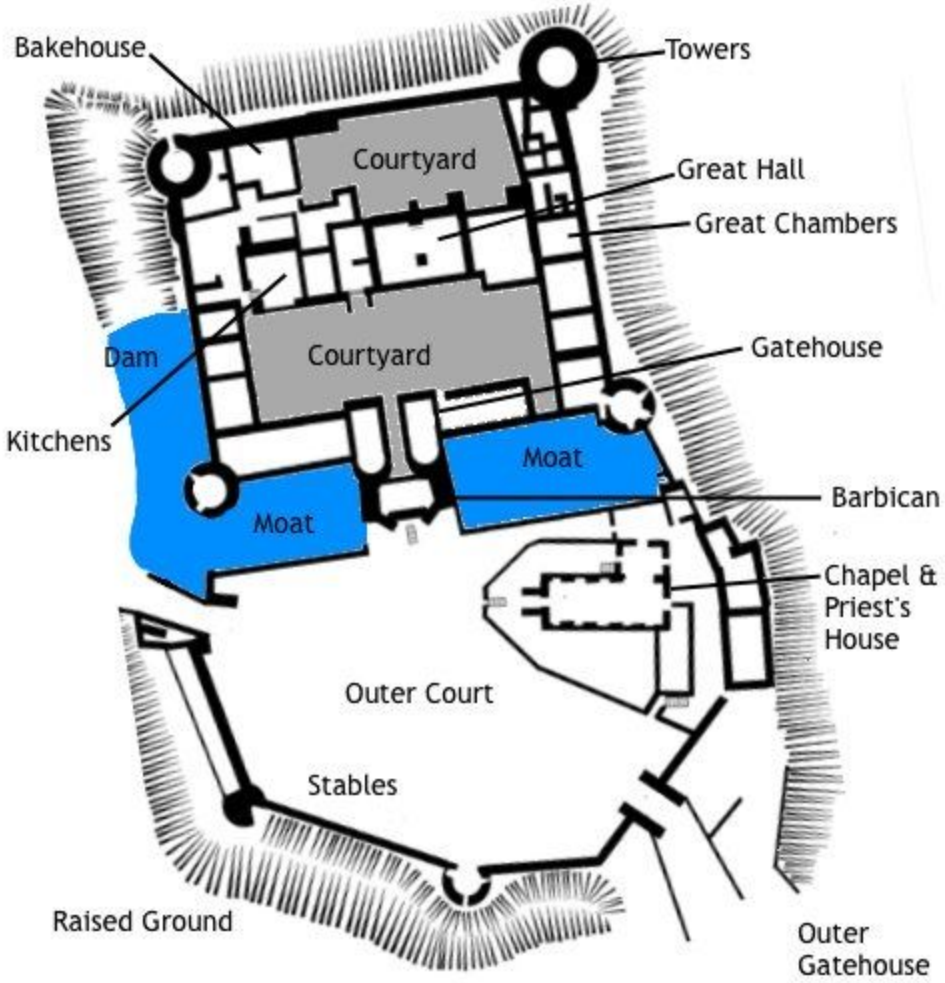


Crenellations



Arrow Loops

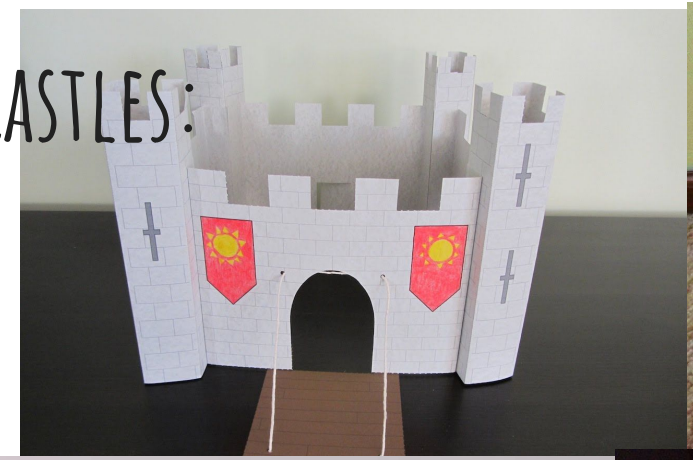
BluePrint

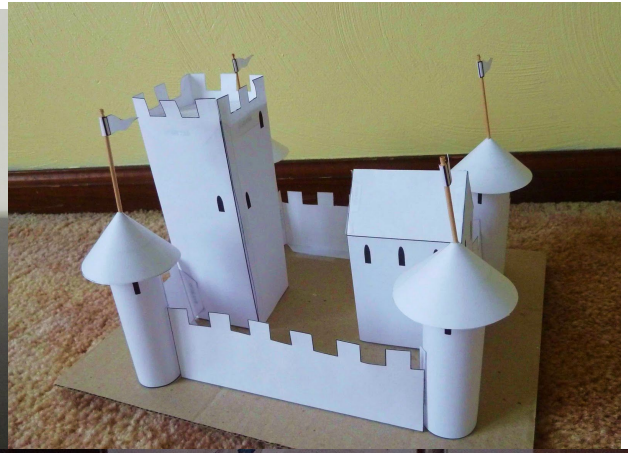

Bakehouse
Towers
Courtyard
Great Hall
Great Chambers
Dam
Courtyard
Gatehouse
Kitchens
Moat
Barbican
Moat
Chapel &
Priest's
House
Outer Court
Stables
Raised Ground
Outer
Gatehouse

Castle Design Project

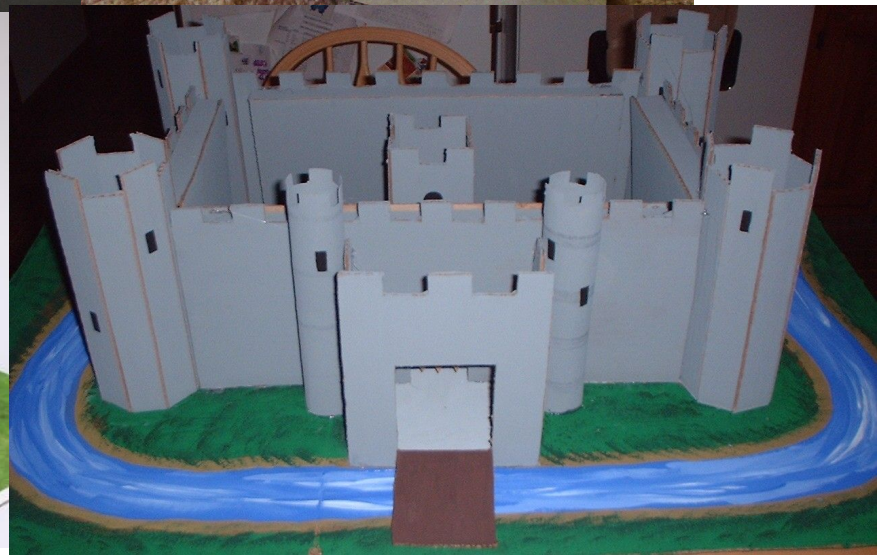
- In small groups, you will be constructing a model version of a medieval castle.
- Each design must have:
  - At least 4 towers & walls to connect each tower
  - Crenellations (or battlements)
  - Arrow loops
  - A portcullis
  - At least one inner building (a keep)
- You may ***optionally*** add a drawbridge and moat, or extra inner buildings.
- You will have 3 class days for blueprint design and practice construction, then 3 more class days for the final build.

Paper Castles:





Cardboard Castles:



Castle Design Project

- You will create this masterpiece with:
  - 8 pieces of cardstock & 8 pieces of plain paper
  - 24 inches of tape
  - 20 paperclips
  - 6 popsicle sticks
  - 8 rubber bands
- You will also have a cardboard base, and the use of scissors, markers/colored pencils and a ruler.
- At the end of this process, each castle will be judged by a group of teachers, with the winning design receiving a prize. Remember, you will be competing against ALL my 7th grade classes.

Student Roles

- Members may need to take on multiple roles
- Roles can (but don't have to) change each day

- **Task Manager** -
  - Responsible for keeping everyone in the group on task.
  - Makes sure everyone knows what to do, and does it.
  - When group evaluation is being completed, the task manager should report the accomplishments/ contributions of each team member to the recorder.

- **Recorder** -
  - Writes down GOAL and ROLES at the beginning of class, then completes group evaluation at the end of class, with the input of the group & task manager

Student Roles

- Members may need to take on multiple roles
- Roles can (but don't have to) change each day

- **Materials Manager** -
  - Responsible for all group supplies (cardboard base and materials in manila folder).
  - Collects supplies at the beginning of each class, and puts all supplies away at the end.
- **Clean Up Manager** -
  - Direct the group when it is time to clean up.
  - Give each person a job to help clean
  - Check supply bin (at table) to make sure all materials have been returned to the bin.
  - Ensure all paper/garbage is picked up and in the recycling/garbage.

During Work Time:

Each member should be involved:

- Drawing Cutting Building/Design
  - This is in addition to your assigned role
  - Task Manager is responsible for making sure everyone knows what to do

Every student will create a blueprint

Each person will contribute!

- WORK TOGETHER! Compromise!

STAY BUSY! STAY with your group!