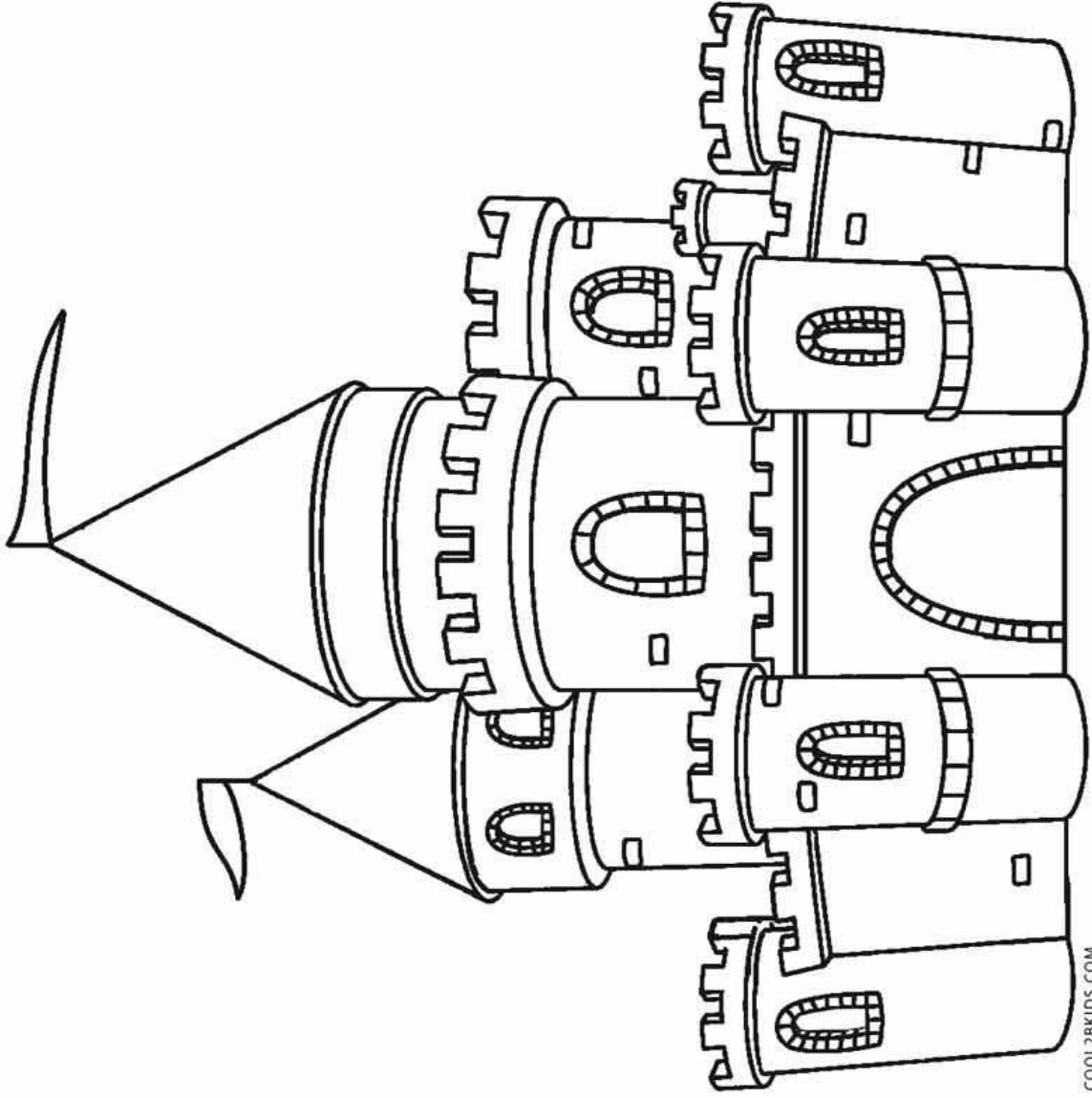




CASTLES AND CATAPULTS





Name: _____

Date: _____

Castle Wordsearch

O P W Q M V M H C J P J E S M Y L
O V M M O T T E B A I L E Y K M F
T P C O G N A C I B R A B L V M K
T O P G A R T P M S T O N E R V O
B D L X A T B C A S T L E F S B H
O S A L X W U H W W N R H V D A G
C D D M T K Y V E S B T U R R E T
M L G R E X U W J R V V A C Z D R
G K C E O S L Q R C B F R I J R E
J S Y C Z W U T F O S Q R R H A W
A A Y T O Y S O Q C T O O T Y W O
K M G K A H L W H F I T W N W B T
H G U Q O A E A E E W U F E I R K
L P J S W L V U E L T R D C I I I
G T Y W L Y Q Y V E D A L N H D O
T F A X O V R B O W Z W G O P G Y
N O I T A L O C I H C A M C R E Q

stone turret well swords moat machicolation tower bow arrow
drawbridge barbican gatehouse mottebailey castle concentric

Popsicle Stick Catapult

Materials Needed:

- Popsicle Sticks (9 total)
- Rubber Bands (5 total)
- 1 Plastic Spoon
- Something to Fire (Here are some examples!)
 - Small Styrofoam Balls (Provided)
 - Mini Marshmallows
 - Paper Wads
 - Small Pompoms

Step 1: Make a stack using 7 of the Popsicle Sticks and use 2 rubber bands, one on each end, to hold the stack together.

Step 2: Take 2 more rubber bands and use them to attach the spoon onto one of the left over Popsicle sticks. The end of the spoon should be hanging off.

Step 3: Using the Popsicle stick with the spoon, attach it to the last popsicle stick on **ONLY** one end, the end that does not have the spoon. It should sort of resemble a pair of tongs.

Step 4: Pull apart the 2 Popsicle sticks slightly and with the spoon facing upward wedge the 7-popsicle stack between the 2.

Step 5: Place whatever you chose to fire onto your catapult, and **FIRE!!!**

CATAPULT CHALLENGE

Answer these questions and bring it back for a prize! Call Sandi (315-891-3655) in advance for an appointment to bring it in.

- What were you able to fire with your catapult?

- How could you make your catapult fire further?

- What other materials could you use to make a catapult?

- Which items that you used flew the farthest with your catapult?
