



Imagine
Your Story

CHILDREN SUMMER READING WEEK #3

CREATE A CATAPULT!

YOU WILL NEED:

- 22 craft sticks
- 20 rubber bands
- 2 cleaned bottle caps
- Glue
- A small wad of paper, wadded up candy wrapper to fit in bottle cap

ACTIVITY 1: SIMPLE CATAPULT - 12 CRAFT STICKS AND 3 RUBBER BANDS

1. Stack 10 of the craft sticks on top of each other.
2. Wrap a rubber band around one end of the stack of craft sticks. Make sure it's tightly wrapped.
3. Slip one of the free craft sticks between the craft stick on the bottom and the one above the bottom stick. At this point, the craft stick you slipped in should be centered in the stack.
4. Wrap a rubber band around the other end of the stack of craft sticks. Make sure it's tightly wrapped.

5. Put the last free craft stick of the twelve over the top of the stack so that it lines up with the craft stick you slipped in the bottom of the stack.
6. Then, push them both forward so that about $1/3$ of the sticks are on one side of the stack and about $2/3$ of the craft sticks are on the other side.
7. Wrap the third rubber band around the shorter end of the two craft sticks. Make sure it's tightly wrapped.
8. Glue the bottle cap to the free end of the top craft stick.
9. When the glue is dry, place a small piece of wadded up paper, a wadded-up candy wrapper, a marshmallow, or a small piece of candy (something that fits inside the bottle cap) in the bottle cap.
10. Hold the bottom craft stick down with one hand. Use the other hand to push down on the bottle cap and create tension.
11. Let go and launch your item.

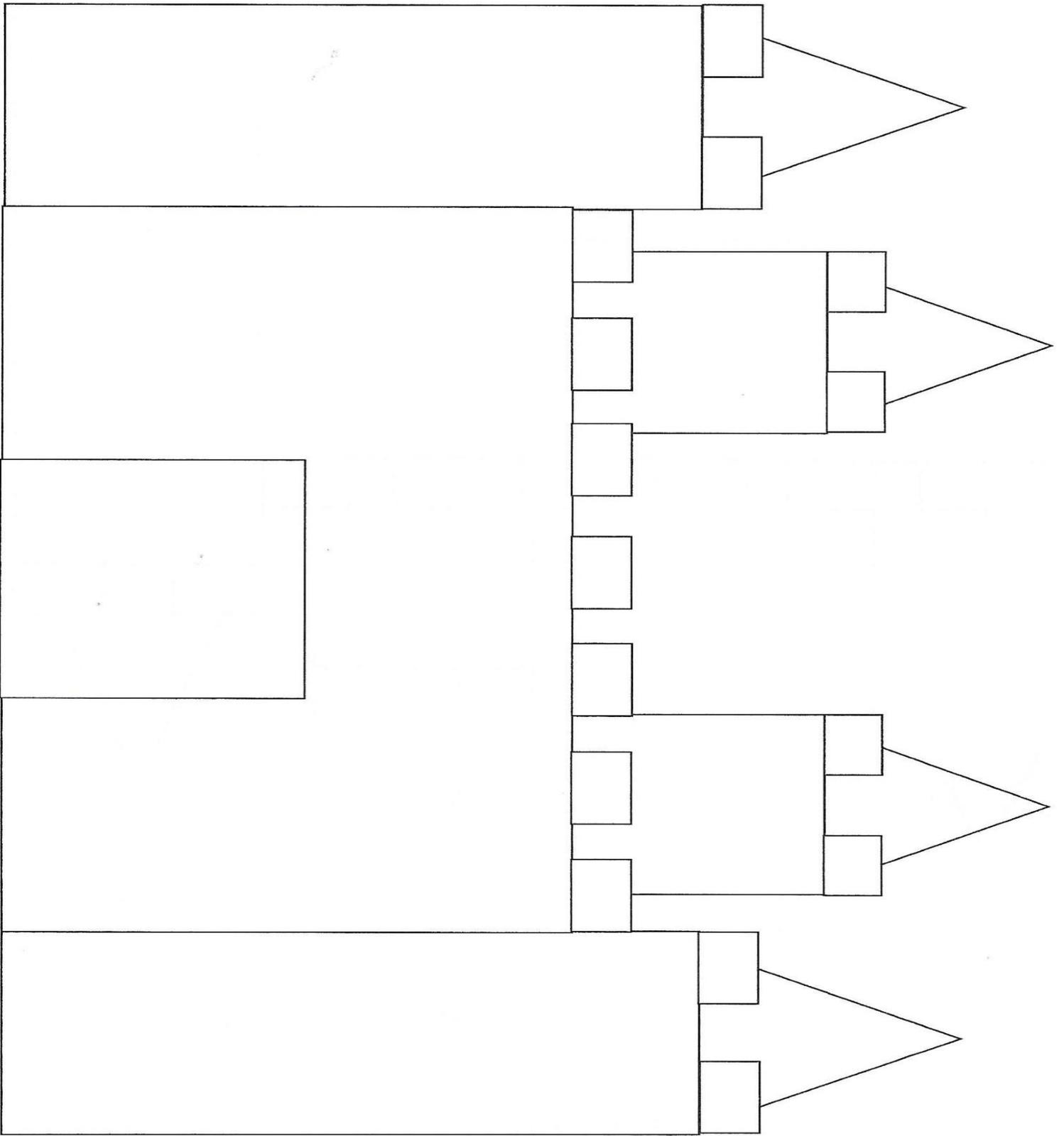
ACTIVITY 2: LESS SIMPLE CATAPULT - 11 CRAFT STICKS AND 16 RUBBER BANDS

1. Take two craft sticks and create two sides of a triangle with the craft sticks crossing at the top.
2. Wrap a rubber band around the craft sticks. Slip the rubber band up around the long end of one of the craft sticks up to the place where the two ends meet. Twist the rubber band and wrap it around the ends, making sure to twist it to cross over itself each time. Continue to do so until you have completely wrapped the rubber band.
3. Take two more craft sticks and repeat steps 1 and 2.
4. Put down the two partial triangles.

5. Take two craft sticks and create a right angle.
6. Wrap a rubber band around the ends of the craft sticks where they come together. Wrap the rubber band twice around the end of one craft stick, making sure to twist it to cross it over itself each time. Then, wrap the rubber band around the end of the other craft stick once or twice, making sure to twist it to cross over itself each time. Then, wrap the rubber band around the ends where they meet, making sure to twist it to cross over itself each time.
7. Add a third craft stick to the free end of one of the craft sticks to create another right angle.
8. Wrap the rubber band twice around the end of one craft stick, making sure to twist it to cross it over itself each time. Then, wrap the rubber band around the end of the other craft stick once or twice, making sure to twist it to cross over itself each time. Then, wrap the rubber band around the ends where they meet, making sure to twist it to cross over itself each time. You should have what looks like 3 pieces of a square.
9. Add a fourth craft stick to complete the square.
10. Wrap the rubber band twice around the end of one craft stick, making sure to twist it to cross it over itself each time. Then, wrap the rubber band around the end of the other craft stick once or twice, making sure to twist it to cross over itself each time. Then, wrap the rubber band around the ends where they meet, making sure to twist it to cross over itself each time.
11. Take your one of the triangle pieces and slip it inside the square
12. Take a rubber band and wrap it around the leg of the triangle and the corner next to it, making sure to twist it to cross over itself each time.

13. Repeat step 12 for the other leg of the triangle. The triangle legs may lay flat; that is okay right now.
14. Take the other triangle piece and slip it inside the square on the opposite side of the first one.
15. Repeat step 12 for both legs of the second triangle piece.
16. Take a craft stick and wrap a rubber band two or three times around one end, making sure to twist it to cross over itself each time.
17. Stand up the two triangle pieces and lay the free craft stick across the top of them.
18. Take the rubber band already wrapped around the one end and wrap it around the crossed end it sits in, making sure to twist it to cross over itself each time.
19. Wrap a rubber band around the other end of the craft stick two or three times, making sure to twist it to cross over itself each time.
20. Then, set the craft stick down in the top cross piece of the other triangle.
21. Repeat step 18.
22. Take a craft stick and wrap a rubber band two or three times around one end, making sure to twist it to cross over itself each time. Take a craft stick and wrap a rubber band two or three times around one end, making sure to twist it to cross over itself each time.
23. Hold it at the center of the edge of one of the upright legs.
24. Twist the rubber band around the back of that leg. Then, wrap the rubber band around the other end of the craft stick, making sure to twist it to cross over itself each time.

25. On the other end of the craft stick, wrap the rubber band around it two or three times, making sure to twist it to cross over itself each time.
26. Bend the craft stick so that it lays flat against the thin edge of the craft sticks and touches the other triangle leg.
27. Repeat step 24.
28. Take a craft stick and wrap a rubber band around it two or three times, making sure to twist it to cross over itself each time, about an inch up the edge of the craft stick.
29. Slide the craft stick so that it sits on top of the stick fasten to the center of the two front legs and behind the craft stick that sits across the top of the legs. You want the wrapped rubber band to be on the part of the craft stick between the two cross pieces.
30. Twist the rubber band behind the craft stick. Then, wrap the rubber band around the other end, which should be below the cross piece in the center, of the craft stick, making sure to twist it to cross over itself each time.
31. Use some glue and glue the bottle cap to the free end of the craft stick that has now become your lever (the one piece that should move).
32. When the glue is dry, put your wadded up piece of paper or marshmallow in the cap, aim at the target, and try your catapult.



COOK IT I MAGIC COOKIE BARS

YOU'LL NEED:

- 13x9 inch baking pan
- non-stick cooking spray
- 1 1/2 cups graham cracker crumbs
- 1/2 cup butter, melted
- 1-14oz can Sweetened Condensed Milk
- 2 cups semi-sweet chocolate chips
- 1 1/3 cups flaked coconut
- 1 cup chopped nuts (walnuts or pecans)



INSTRUCTIONS:

1. Preheat the oven to 350 degrees F.
2. Spray a 13 x 9 inch pan with non-stick cooking spray. Make sure to spray the interior sides well.
3. In a medium size bowl, combine graham cracker crumbs and melted butter and mix until well combined.
4. Pour mixture into the prepared baking pan and gently press to create a crust that covers the entire bottom of the pan.
5. Pour sweetened condensed milk evenly over the crumb crust.
6. Evenly sprinkle chocolate chips, coconut and nuts over the condensed milk layer.
7. Gently press down with a fork.
8. Bake for 25 to 30 minutes or until beginning to lightly brown.
9. Remove from the oven and allow to cool for approximately 5-10 minutes.
10. Then, while still warm, loosen bars from the side of the pan gently to prevent them from sticking. Cut into bars. Store tightly covered.

NOTES:

To make it easier to remove bars from the pan, line the entire pan with foil or parchment paper, using enough that it extends over the sides. Coat the foil with non-stick cooking spray (you don't have to spray the parchment paper). After baking and bars have cooled, the entire pan of bars can be lifted out of the pan by using the foil or parchment edges.

Recipe and picture from <https://www.lovefromtheoven.com/seven-layer-bars/>

