

Name _____

Date _____

KIDS SCIENCE NEWS NETWORK

PURPOSE

To create a model of the Wright Flyer

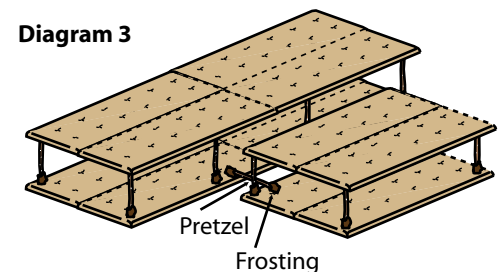
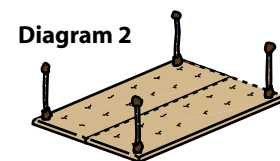
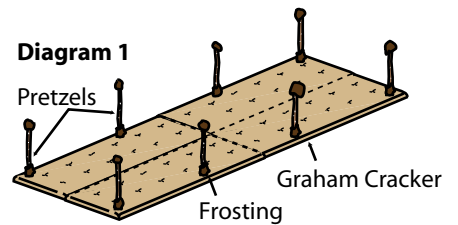
MATERIALS

3 full-sized graham crackers
12-14 small pretzel sticks
frosting
paper plate

The Incredible Edible Wright Flyer

PROCEDURE

1. Following the perforations on the graham cracker, break one of them into four pieces. Set aside.
2. To build the wings of the plane: dip a pretzel into the frosting so that you have a small amount of frosting on both ends. The frosting will act as glue.
3. Place the pretzel in a perpendicular position on one corner of a full-sized graham cracker. Make sure that it is firmly attached by the frosting.
4. Continue to dip pretzels into the frosting and place them on the graham cracker, as shown in diagram 1.
5. Once you have all eight pretzels properly placed, put the second full-sized graham cracker on top. Press slightly to make sure that the frosting sticks.
6. To build the remaining section of the plane:
break two pretzel sticks in half.
dip both ends of one of the pretzels into the frosting.
place the pretzel in a perpendicular position on a corner of one of the graham cracker sections that you set aside in step 1.
7. Repeat with the other three pretzel halves. See diagram 2.
8. Once you have all four pretzels properly positioned, place a second graham cracker section piece on top.
9. Press slightly to make sure that the frosting sticks.
10. To connect the two sections, dip two pretzels in frosting and attach the wings to the other section as shown. See diagram 3.



CONCLUSION

Conduct an internet or book search for additional information on the Wright brothers' airplanes. Information may include how many different models they built, how their airplane changed with each model, or why they made changes to each plane.