

# Chilly Da Vinci Activity Page

## Join the Maker Movement With Chilly Da Vinci!

While others do “penguin” things, Chilly da Vinci—self-declared inventor penguin, builds machines that don’t work . . . yet. But Chilly learns from his mistakes and never gives up!

### J. Rutland talks about Chilly Da Vinci

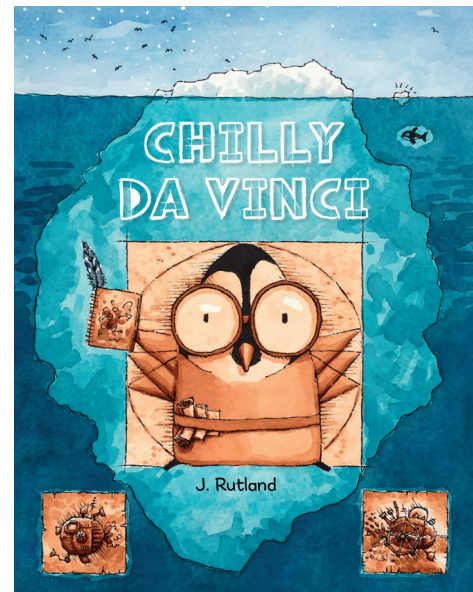
Chilly Da Vinci was partially inspired by Leonardo da Vinci, a human (not a penguin) who lived in Italy during the fifteenth century—more than five hundred years ago.

Leonardo was known as the original “Renaissance Man” since he was remarkably talented in so many areas. He’s best known for his paintings *Mona Lisa* and *The Last Supper*, as well as for his scientific endeavors. His endless research, along with his relentless need for his ideas to work, made him an innovator whose work is still studied today.

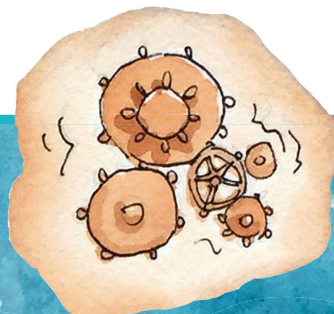
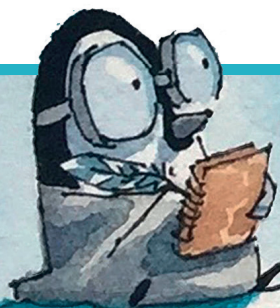
Indeed, Leonardo was very talented, but among his successes, many of his contraptions were failures. Even though he had more designs than were able to be counted, we only know of one early glider he constructed, which was unsuccessful. Yet by actually using Leonardo’s blueprints to build his other hang gliders (which were a combination of stationary and man-powered mechanical wings), scientists have proven that his later designs will fly.

The inspiring stories of both Leonardo and Chilly are reminders to focus on the process, not the reward. That’s an important lesson to remember when dealing with a reward you desperately want. And, often, you may find the solution lies not in scrapping your work, but merely in something that’s been accessible all along—something you can study from a different angle and then revise.

Go forth, young innovators, and be masters of your iceberg!



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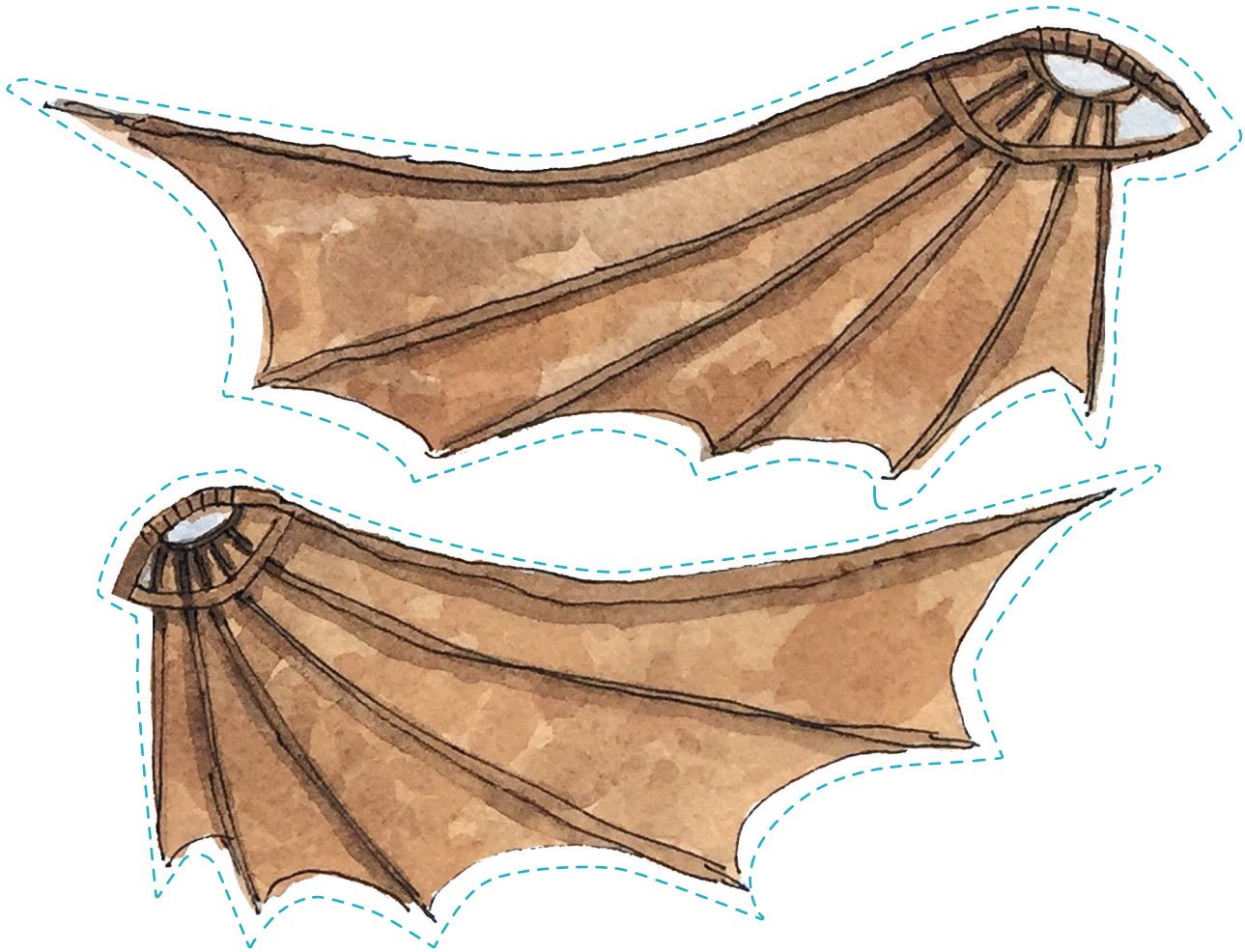
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# Make your own GREAT BIRD!

Chilly never gives up! This Great Bird might not actually fly, but you can make it ZOOM for sure!



## Craft:

### What you will need

- toilet paper roll
- cardboard for wheels and wings
- drinking straws
- glue, scissors
- 1 hole paper punch
- paint or bling to decorate your creation

1. Cut out the Great Bird Wings pictured above.
2. Use the hole punch to punch 2 holes on each end of the roll.
3. Have the kids color the toilet paper roll using paint or markers.
4. Cut drinking straws and thread them through the holes. Leave enough straw on the outside of the of the roll to attach the wheels!
5. Cut out 8 cardboard circle of the same size. A bottle cap is a good size for a stencil! Punch a hole in the middle of each circle and insert one cardboard circle into the straws on each side of your Great Bird.
6. Bend the straws and apply glue, cover each wheel with the second cardboard circle.
7. Fold the wings so they will stick out and glue to the toilet paper roll.
8. Decorate with whatever fun stuff you have on hand!

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