

Activity Guide - Build your own Whirry Bang

Hamish's Whirry Bang has been a favourite among children who love crafts, possibly because there are an infinite number of ways to make your own!

The Whirry Bang that Hamish and his friends use to travel in the Hamish McHaggis books is a feat of engineering. It was built using things that Hamish could find in his surroundings - such as logs, bark and a wicker basket. In order to build your own Whirry Bang - put your imagination to the test, and scavenge for bits and pieces at home and even outside in the garden.



This is your chance to have a lot of fun with your own wild ideas. Why not look for recycled materials to create your own masterpiece?

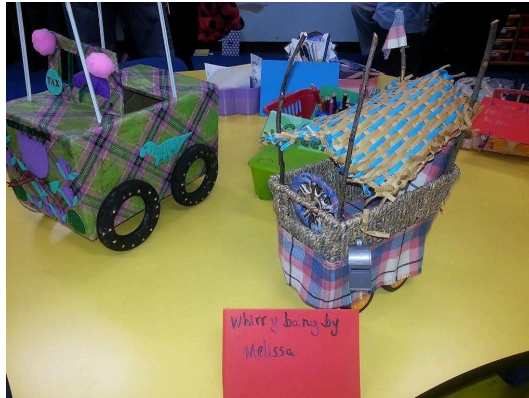
However, if you are looking for a quick and easy craft we have also provided a printable template and step-by-step guide.

A few tips for materials:

- An empty cereal box, egg carton or shoe box could make a sturdy base.
- If you want wheels that support a heavier body, look for corrugated cardboard, styrofoam or bottle caps.
- Should you wish for a roof similar to that of Hamish's Whirry Bang, skewers could help support your creation.
- Card, paper, carpet pieces or thick cloth could make the roof.

No two Whirry Bangs are the same, so scavenge for parts among what you have at home and get crafting!

Here are some masterpieces created by students in the past at Howwood Primary School, for inspiration:



Quick & Easy Whirry Bang:

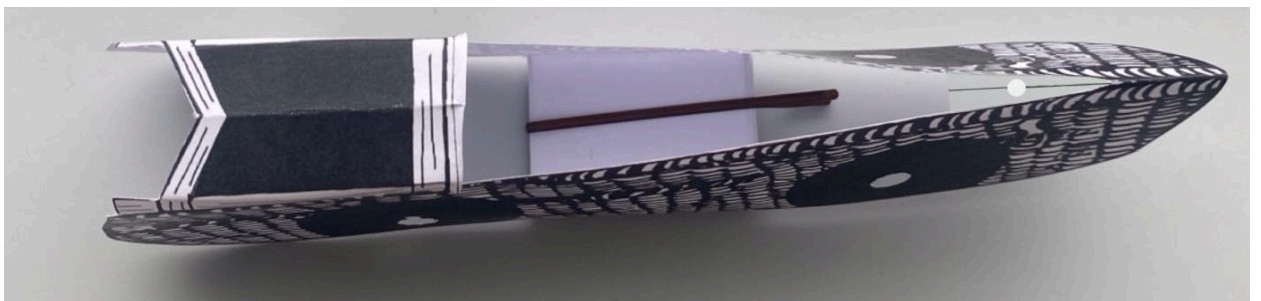
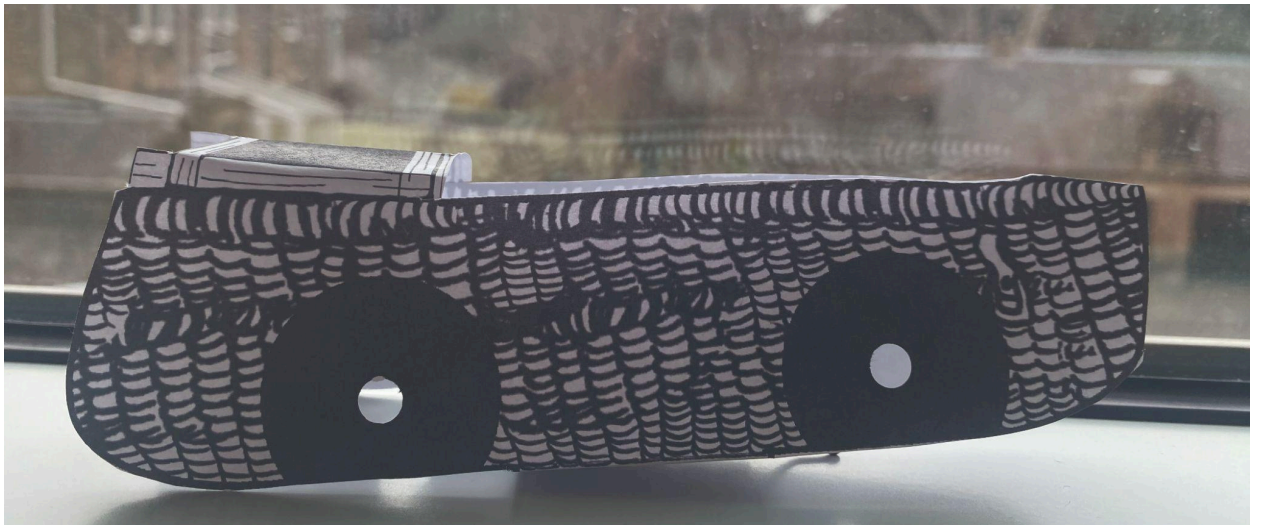
If you want a quick and simple way to make a Whirry Bang, this printable template might be perfect for you!

Materials:

- Printed template (on the last page)
- Corrugated cardboard
- 2 toothpicks
- 4 small beads
- Hole punch
- Scissors (ask an adult if you need help)
- Glue

Instructions:

1. Print template on an A4 sheet of paper.
2. Cut out the outline of the car, the 4 individual wheels and the steering wheel.
3. (Optional) Draw your favourite thing to bring when travelling in the white space in the crate at the back of the Whirry Bang.
Decorate the sides of the car to your liking.
4. Fold along the midline of the car.
5. Cut along the dotted lines, leaving a hole in the middle of the car.
6. Punch a hole through the middle of the wheels on each side.
7. Fold the middle of the crate at the back of the car down, creating some width to the car.
8. Fold the two flaps at the bottom of the car inwards and glue them together. At this point, this is what the Whirry Bang should look like:



9. Glue each of 4 wheels and the steering wheel to corrugated cardboard and cut the cardboard to match the size of the wheels.

10. Make a hole through each of the 4 wheels with a toothpick.
There is no need to make a hole through the steering wheel.
11. Place the 4 wheels by the marked places at each side of the car.
12. Thread one toothpick per side through the wheels and the holes punched in the car.
13. Place small beads at each end of the toothpick and glue on to ensure that the toothpicks stay in place.
14. Glue on the steering wheel at the market spot in the grey box.
15. **Finished!**¹

¹ The design of this craft was inspired by *krokotak.com*'s Moving Paper Cars.

