

# FIG at Home

## FLYING BATS

Don't be frightened when your little engineer has bats flying around the room!

### MATERIALS

- Thin cardboard (or black cardstock)
- Black paint and paintbrush
- Ribbon (6 feet or more)
- Scissors
- Pencil
- Straw
- Tape

### INSTRUCTIONS

1. Draw a bat on thin recycled cardboard. We used a cereal box. Optional: use black cardstock.
2. Cut out your bat.
3. Paint the bat black and let it dry completely.
4. Cut a straw to be smaller than the body of the bat.
5. Tape the straw to the middle of the bat.
6. String the ribbon through the straw. You need about 6 feet or more of ribbon.
7. Tape one end of the ribbon on a bookshelf or somewhere above your head.
8. Hold the ribbon parallel to the ground until you are ready to go.
9. Bring the ribbon down towards the ground and watch your bat take flight!

Challenge questions: What can you do to make your bat fly faster? What happens if you change the design of your bat? Create another bat and race them across the room.



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