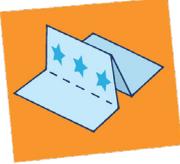


What you do:

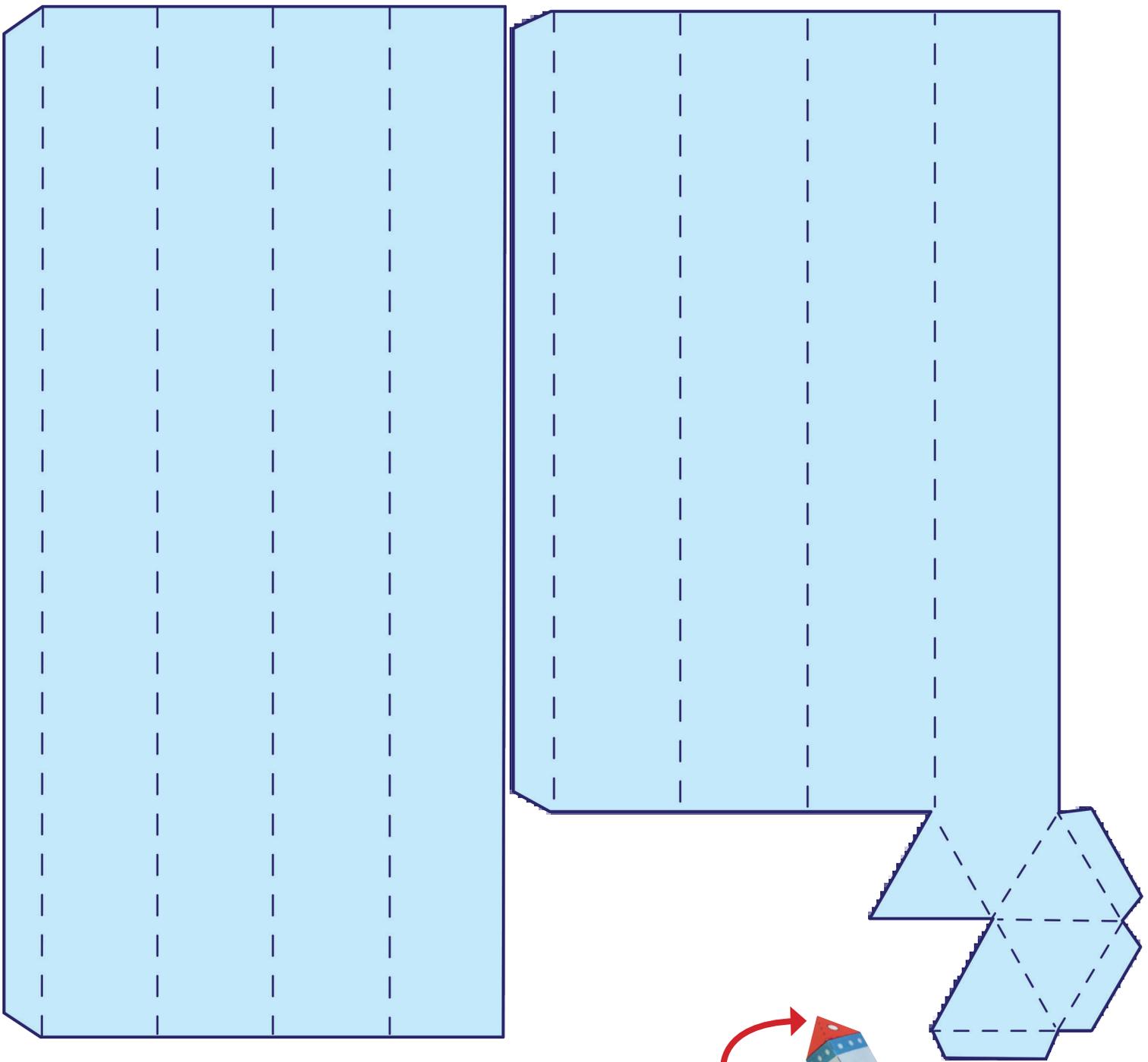
1. Cut out the templates.
2. Fold the rocket template along the dotted lines.
3. Tuck the tabs inside and stick together with sticky tape.
4. Drop a blob of sticky tack into the nose cone and push it into place with a pencil.
5. Fold the fins as shown and stick them to the base of the rocket with glue. 
6. Fold the launcher tube and secure with sticky tape.
7. Place the launcher inside the rocket.
8. Hold the end of the launcher that is sticking out and blow hard through it.



AIR-POWERED ROCKET

You will need:

- The paper templates below and on page 19
- Scissors
- Sticky tape
- Glue
- Blob of sticky tack



You should find:

Your rocket will fly off the launcher! This is because your breath rushes down the tube and hits the closed end of the rocket, pushing it away. The harder you blow, the more energy the air has and the further your rocket will fly. Try pointing your rocket at different angles. How does this affect its flight? Drag (air resistance) will gradually slow your rocket, while gravity will pull it down.

Your finished rocket will look like this!

