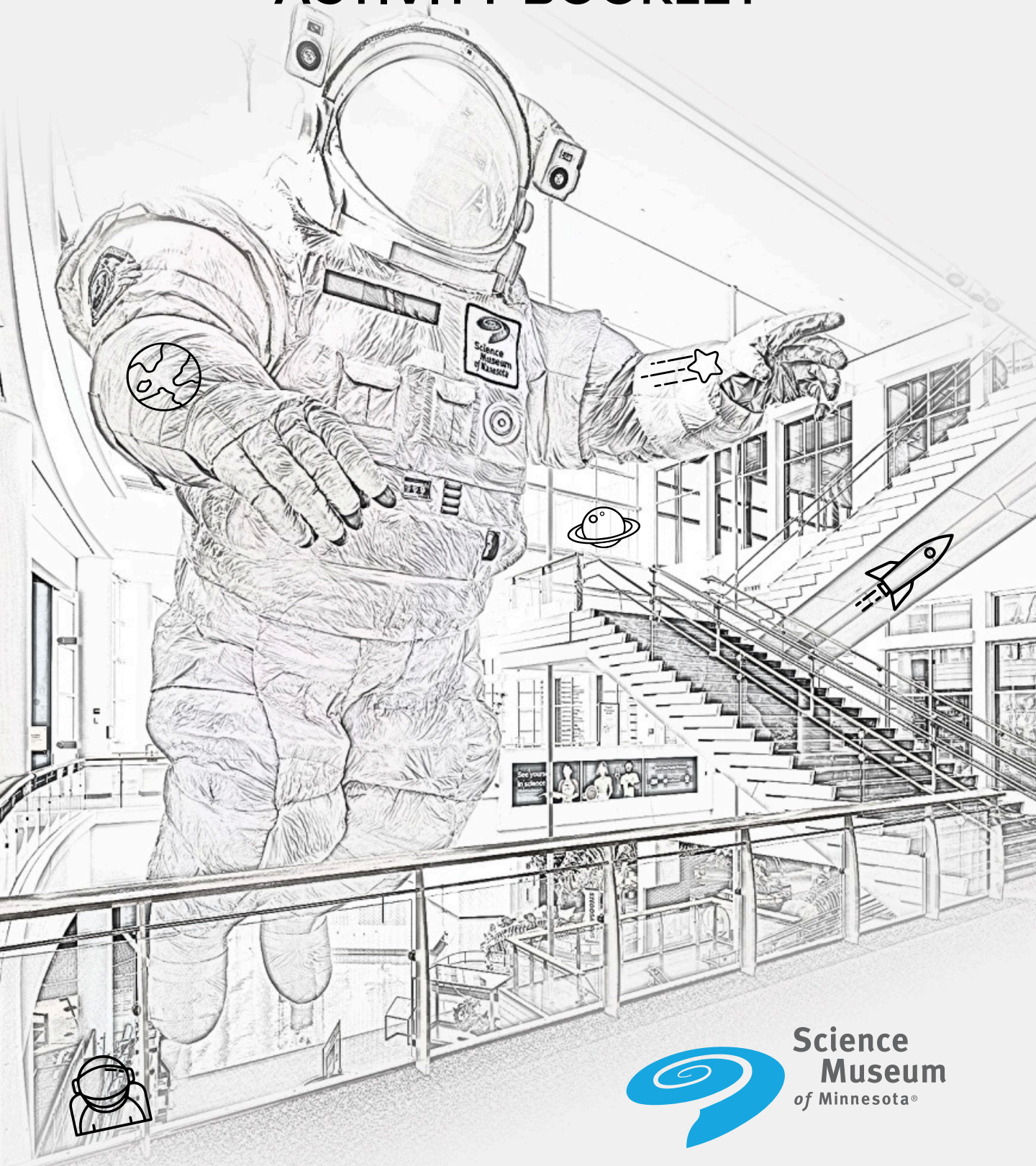


CAN YOU IDENTIFY THE FLYING
OBJECTS HIDDEN IN THIS ORBIT?



SPACE

ACTIVITY BOOKLET

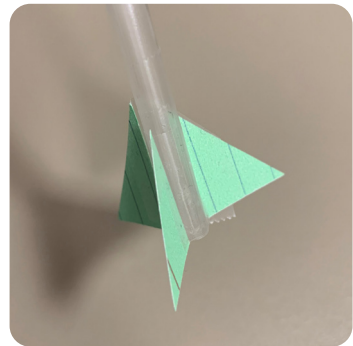
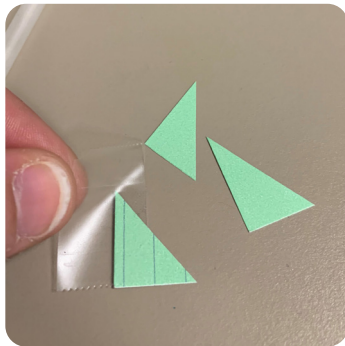
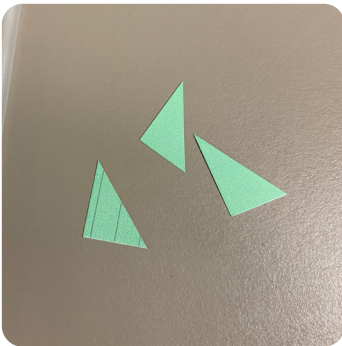
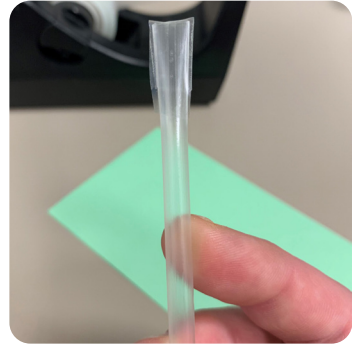
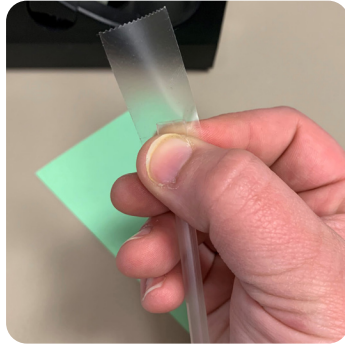


Science
Museum
of Minnesota®

MAKE YOUR OWN ROCKET!

MATERIALS

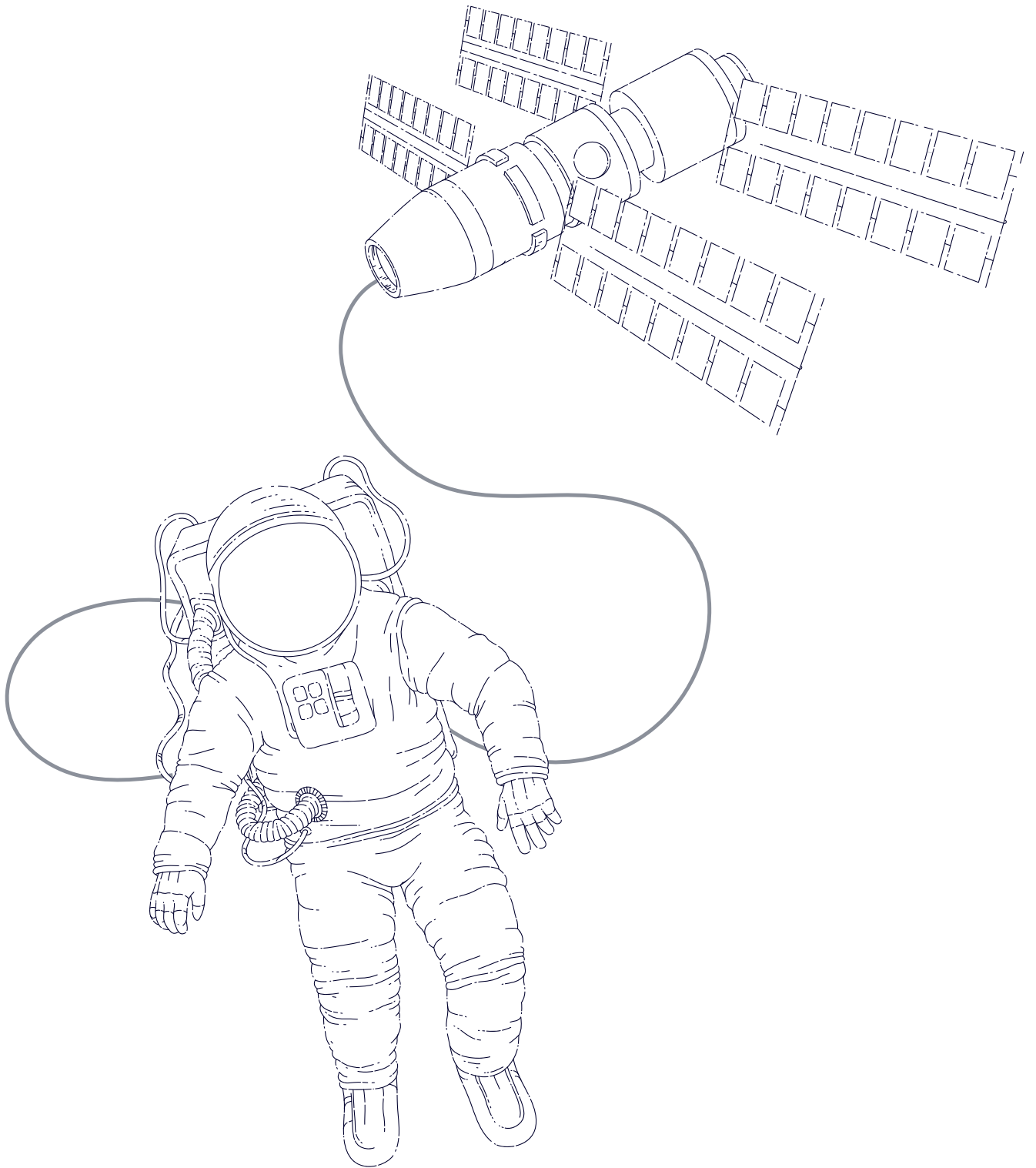
- Wide straw (wide enough for narrow straw to fit inside, like a bubble tea straw)
- Narrow, smaller straw (should fit inside wider straw loosely)
- Notecards
- Masking tape
- Scissors
- Markers



DIRECTIONS

1. Tape the top of the wider straw closed. This is the rocket. Hold the rocket in one hand, with the open end of the rocket pointing toward your face. Position your other hand near the sealed end of the rocket. Gently blow into the open end of the rocket. If you feel air coming through the sealed end of the rocket, use another small piece of tape to seal the gap.
2. Cut three corners from a notecard and save them. These are the mini-fins.
3. Attach the mini-fins to the bottom of the rocket body with the small pieces of tape.
The fins should stick out as much as possible, not lay flat against the straw—try placing a small piece of tape on both sides of the fins. Space the fins out evenly around the straw (about 120 degrees between each).
4. Use markers to decorate and label. Don't color too close to the open end of the rocket.
5. The smaller, narrow straw is the launcher. Slide the launcher inside the rocket body, leaving enough of the launcher on the outside to hold in your fingers.
6. To launch the rocket, just blow through the launcher. Make sure that your fingers are not touching the rocket.
7. Lift off!
8. Do some testing outside or in a long hallway to determine at which angle the rocket will go the farthest.

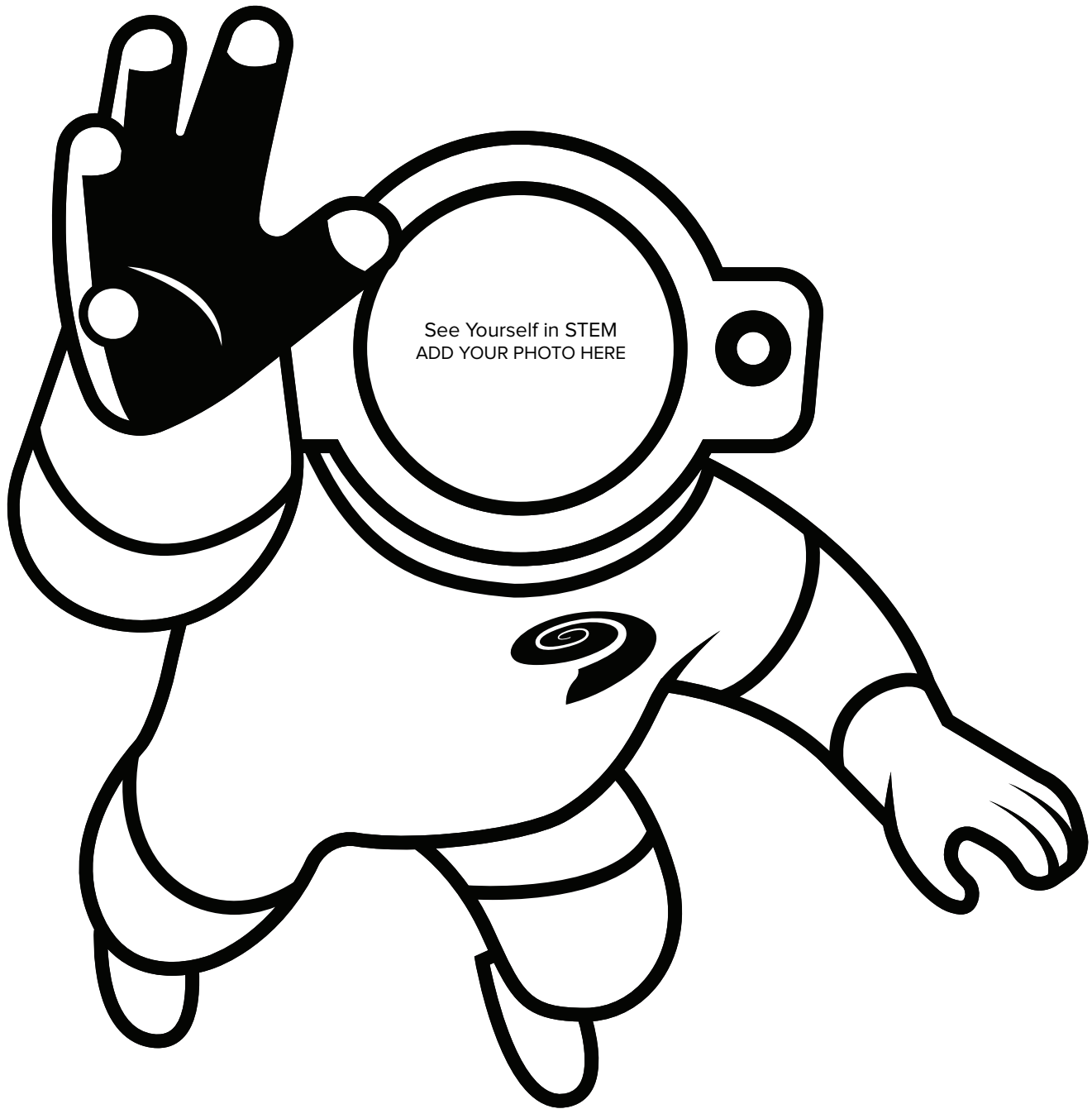
ASTRONAUT COLORING SHEET



The International Space Station (ISS) travels in a path, or orbit, above Earth. It makes one complete orbit every 90 minutes, traveling at **5 miles per second, or 17,500 mph (28,163kph)**! Astronauts live and work there, conducting science experiments and learning about life in space. Astronauts are transported to the ISS via rocket.

ASTRONAUT CUT OUT

Color and cut out the Giant Astronaut to add a little outer space to your Earth environment.



DON'T FORGET!
#SHAREYOURDISCOVER

