



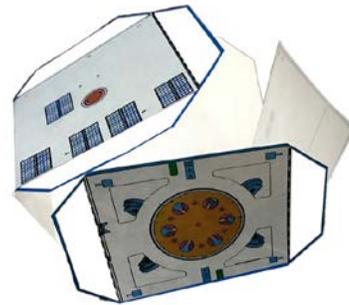
Psyche Mission “Build Your Own Psyche Spacecraft” Instructions

Materials you will need:

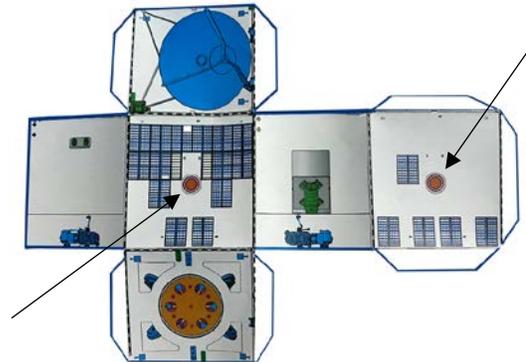
- 1 pair of scissors
- Scotch tape and/or glue stick or white glue
- 1 skewer or 1 plastic coffee stir stick

A. Bus (Body)

Cut out bus (body) of the spacecraft and fold as shown. Make sure to cut either on (or slightly outside of) the blue outline to avoid distorting the model.



Poke a hole or cut a small slit in an 'x' shape into each red dot on the spacecraft bus (body) where the solar arrays mount.



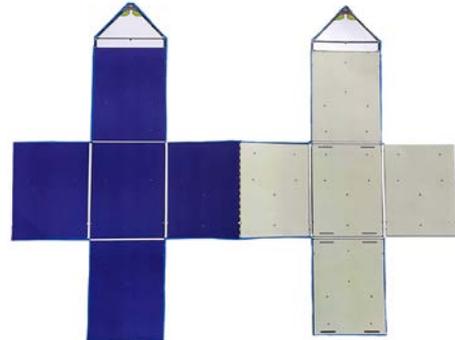
Fold white tabs inwards, and either glue (with a glue stick) or tape them to the interior walls of the spacecraft bus (body).



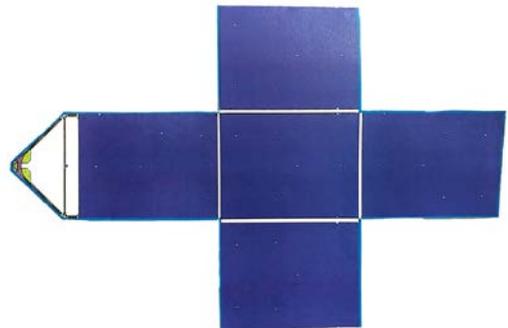


B. Solar Panels & Antenna

Cut out the solar arrays (2) along the blue outlines.

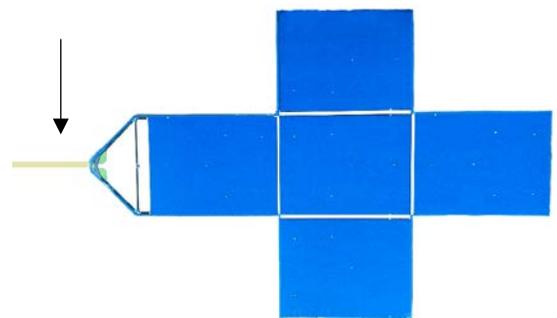


Fold solar panels along the dotted line as shown to the right.



A BBQ skewer or coffee stir stick can be used to assemble the solar

Tape the skewer to one face of interior portion of the array. Make sure skewer is taped on portion of the deployment arm. **OR:** Cut a slit in each end of the coffee stir stick. Use white glue to attach one end to one of the solar panels. Allow to dry.



NOTE: Do not tape or glue the second solar array to the other end of the skewer or stir stick. This step will be done in assembly.

Cut out antenna, fold, and glue or tape as illustrated on the right.





C. Assembly

Insert skewer or stir stick into one of the small holes created on the red dots. Have skewer completely run through the spacecraft body and through the other open hole.

Take the second solar array and tape/glue on the exposed side of the skewer or stir stick.

NOTE: The second solar array should be assembled identically as the first.

Tape the antenna reflector to the illustrated antenna on the bus (body) of the spacecraft. Or use a small piece of skewer to attach it.

Enjoy your Psyche spacecraft model!

