



SPACE SQUAD (Session A) Class Supply List

General Supplies:

- Pencil
- Scotch tape
- Washable markers
- Crayons
- Scissors
- Glue stick
- 15 sheets of white paper
- 5 sheets of white cardstock

Specialty Supplies:

- 1 gallon ziploc bag
- Acrylic or tempera paint set
- Paint brush
- 2 sheets of black cardstock
- 1" wide brush
- Flour *
- Mixing bowl *
- 1 empty toilet paper tube
- 3 brads/paper fasteners
- 1 craft foam sheet
- Mini marshmallows *
- 15+ Toothpicks





SPACE SQUAD (A) Class Supply List

Specialty Supplies Cont'd:

- 1 empty paper towel tube
- 2 each of about 10x10" of red and yellow cellophane
- Liquid glue
- 3" styrofoam ball (like for flower arranging)
- 4 cotton balls
- Glass or plastic jar with air-tight lid
- Food coloring *
- Glitter and/or sequins
- Baby oil *
- 3 flattened white coffee filters
- Pipette or eye dropper
- 3 glossy paper plates
- Empty cereal box *
- About 4 feet of 1 inch thick ribbon
- 2 paper cups (12 oz)

NOTE: Items marked with an asterisk * are NOT in the supply kit!





Supply Lists & Prep by Session

Session 1 - The Sun & The Moon

Supplies

The Sun:

- 1 gallon ziploc bag
- 1 sheet of cardstock
- Scissors
- Red and yellow paint
- Paint brush (if the paint is not squeezable)
- 1 sheet of black paper
- Glue stick

The Moon:

- 1 sheet of black cardstock
- White and yellow crayons
- 1/2 tbsp flour *
- White paint
- 1" wide paint brush
- Glue stick
- Mixing bowl *

Preparation before Class

The Sun:

- Optional: grab a bowl or other item your child can trace for a circle shape. Or print our [Circle Template](#) onto your cardstock (optional).
- This project could get messy! Be sure to protect your child's work surface and provide cleanup materials.

The Moon:

- We will be mixing the flour with some of our white paint in the mixing bowl with the paint brush. The bowl and brush should be cleaned promptly after use!
- This project could get messy! Be sure to protect your child's work surface and provide cleanup materials.



Supply Lists & Prep by Session

Session 2 - Stars & Constellations

Supplies

Full Session:

- 1 empty toilet paper tube
- 1 brad or paper fastener
- 1 sheet of white paper
- 1 craft foam sheet
- Toothpick
- Scissors
- Optional: Mini marshmallows and lots more toothpicks to create 3D constellations at the end, time permitting.

Preparation before Class

Full Session:

- Print the [Constellation Template](#) on your white paper
- Follow the preparation instructions on the template

NOTE! This activity **REQUIRES** adult help for preparing some of the materials and letting glue dry **PRIOR** to the start of the session. See attached template for details.





Supply Lists & Prep by Session

Session 3 - Rocket & Earth

Supplies

Rocket:

- 1 empty paper towel tube
- 1 sheet of white cardstock
- Coloring supplies
- Orange and yellow cellophane
- 1 sheet of white paper
- Scissors
- Liquid glue
- Scotch tape

Earth:

- Styrofoam ball
- Green and blue acrylic or tempera paint
- Paint brush
- 4 cotton balls

Preparation before Class

Rocket:

- Gather materials
- Poke a hole in the bottom center of each cup.
- Put a piece of tape over the top flat part of a brad, then insert the brad into the cup and through the hole. Press the tape to the interior bottom of the cup to help it stick.

Earth:

- This project **WILL** get messy! Be sure to include cleanup supplies and cover your child's work surface!





Supply Lists & Prep by Session

Session 4 - Galaxy Jar & Planet Discovery

Supplies

Galaxy Jar:

- Glass or plastic jar with air-tight lid
- Water *
- Food coloring *
- Glitter and/or sequins
- Baby oil *
- Large measuring cup or other pour-ready container *

Planet Discovery:

- 3 flattened white coffee filters
- Washable markers
- Pipette or eye dropper
- Water *
- 3 glossy paper plates

Preparation before Class

Galaxy Jar:

- Gather materials
- Optional: Hot glue the lid to the jar at the end of the project

Planet Discovery:

- Be sure to protect your child's work surface! This project will have a lot of excess water, so use a large tray or one plate per coffee filter.
- When planets are dry, you can glue them to black paper or hang them in a window!





Supply Lists & Prep by Session

Session 5 - Space Suits

Supplies

Jet Packs:

- Empty cereal box *
- About 4' of 1" thick ribbon
- Scissors
- Tape
- Liquid glue
- 2 paper cups (12 oz)
- 2 brads / paper fasteners
- Red and yellow cellophane
- Optional: Extra scraps of paper

Helmets:

- 2 sheets of white cardstock
- Scissors
- Pencil
- Scotch tape
- Coloring supplies

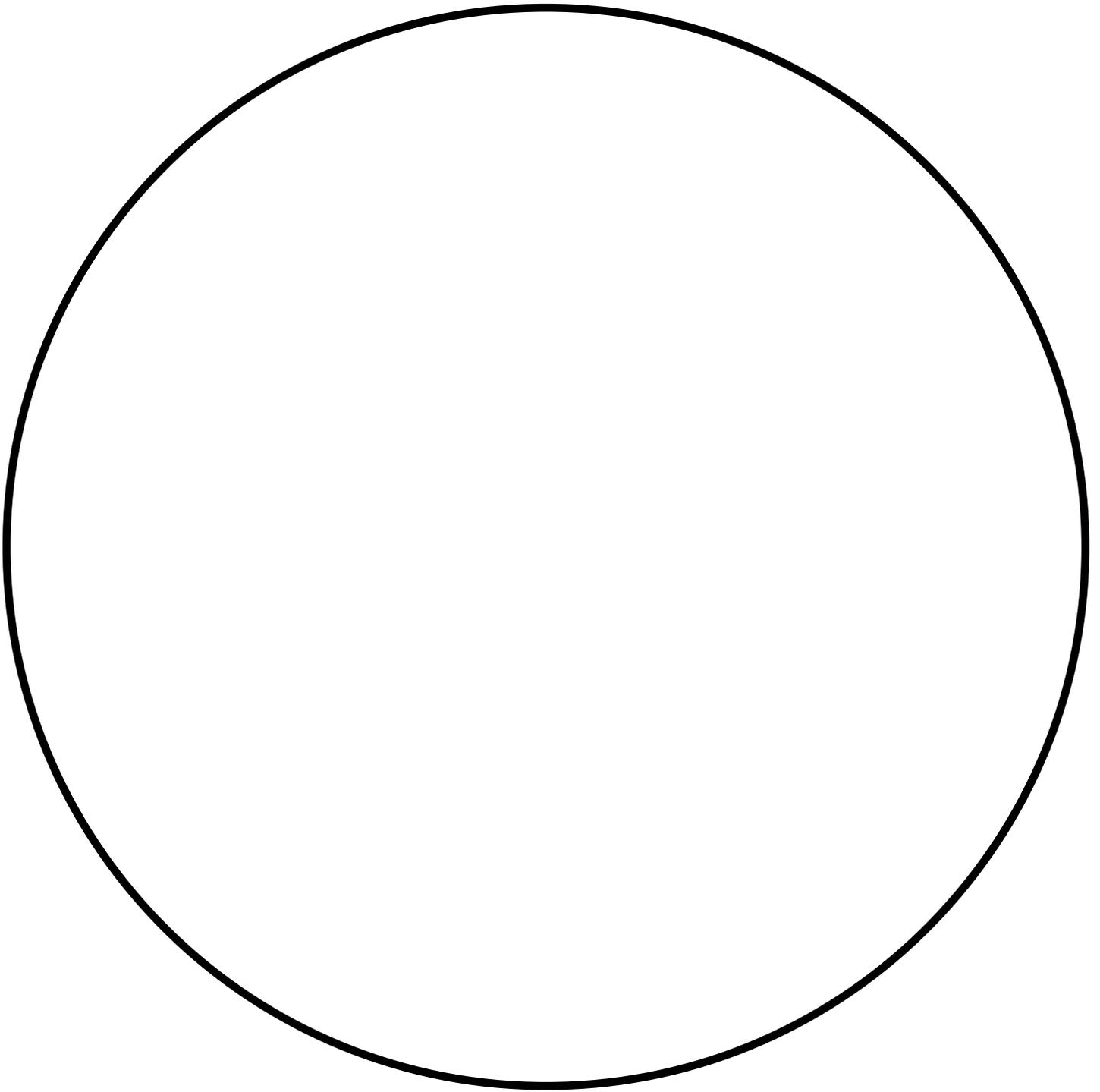
Preparation before Class

Jet Packs:

- Save an old cereal box for this project!
- Project preparation steps:
 - Poke a hole in the bottom of the cups.
 - Insert a brad into each cup and through the hole.
 - Tape the brad in place so it will not fall out while your child works.

Helmets:

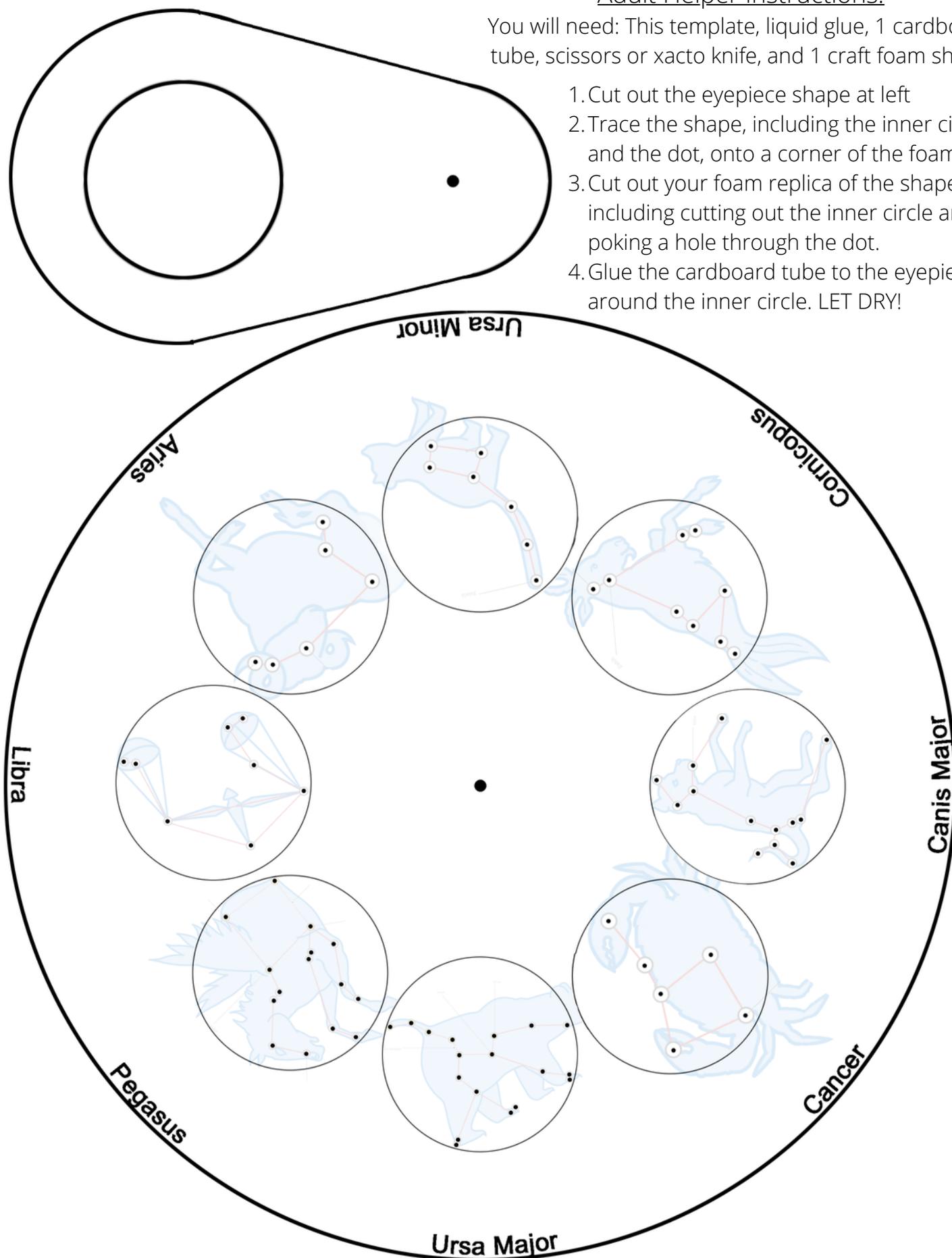
- Print the [Helmet Template](#) on your cardstock
- The jet packs might take the entire session, but the helmet template is easy to DIY with your child!



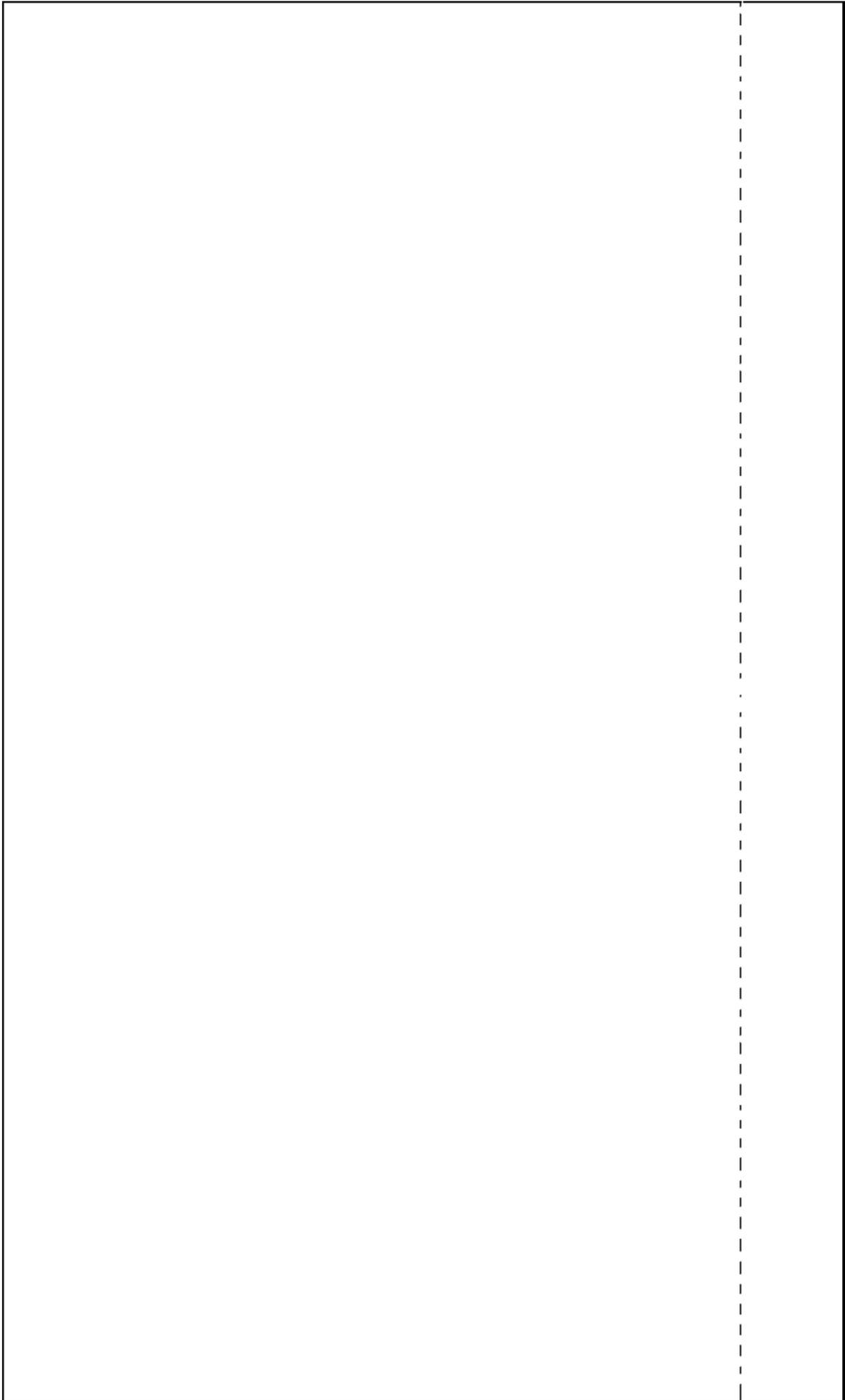
Adult Helper Instructions:

You will need: This template, liquid glue, 1 cardboard tube, scissors or xacto knife, and 1 craft foam sheet.

1. Cut out the eyepiece shape at left
2. Trace the shape, including the inner circle and the dot, onto a corner of the foam.
3. Cut out your foam replica of the shape, including cutting out the inner circle and poking a hole through the dot.
4. Glue the cardboard tube to the eyepiece around the inner circle. LET DRY!

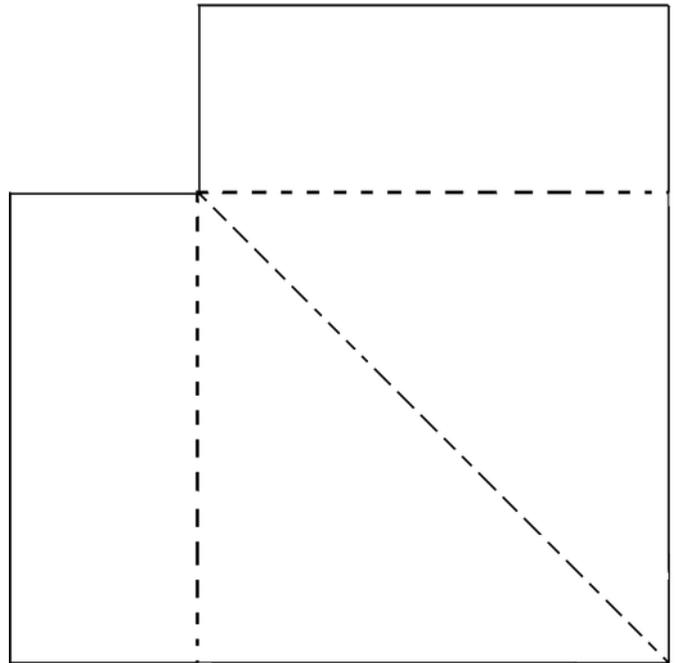
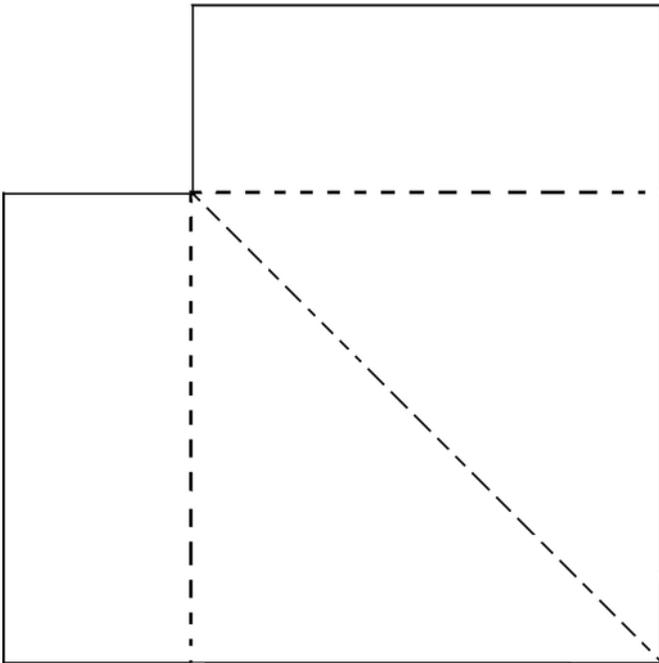
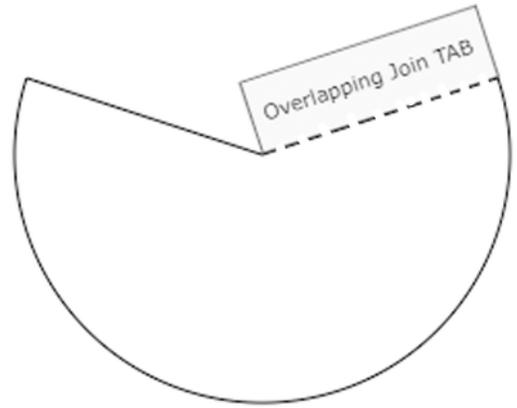
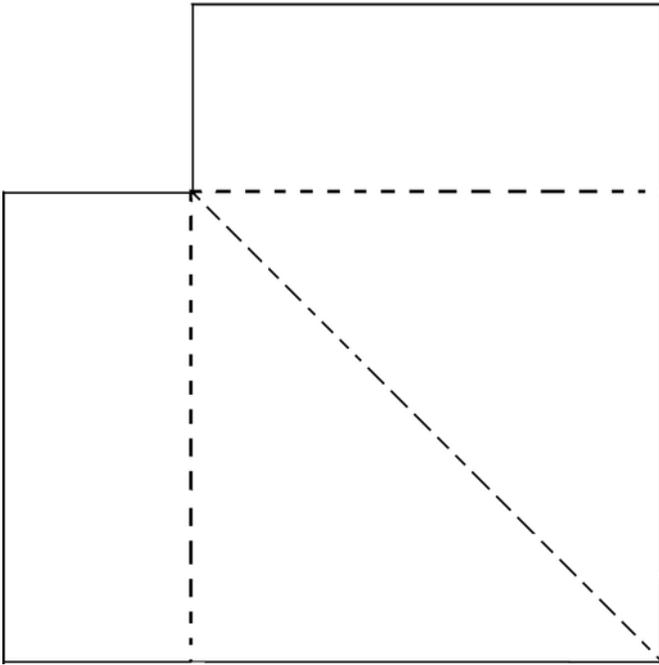


SP - 3A - Rocket Body Tube Template - Print on regular paper



Cut on solid lines, fold on dashed lines.

The dashed line on the "Overlapping Join TAB" should be 1.25" long for best fit.



glue here

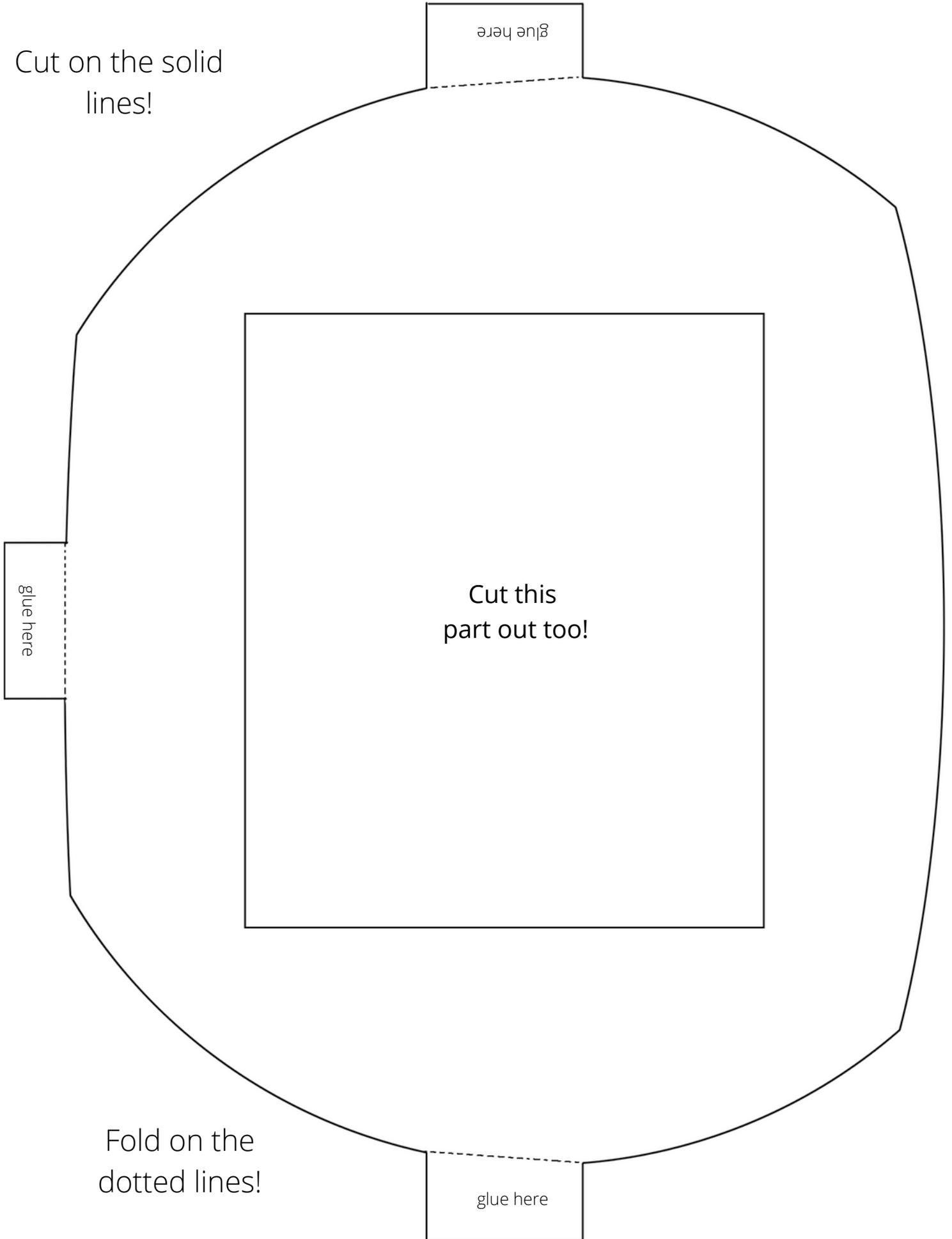
Cut on the solid
lines!

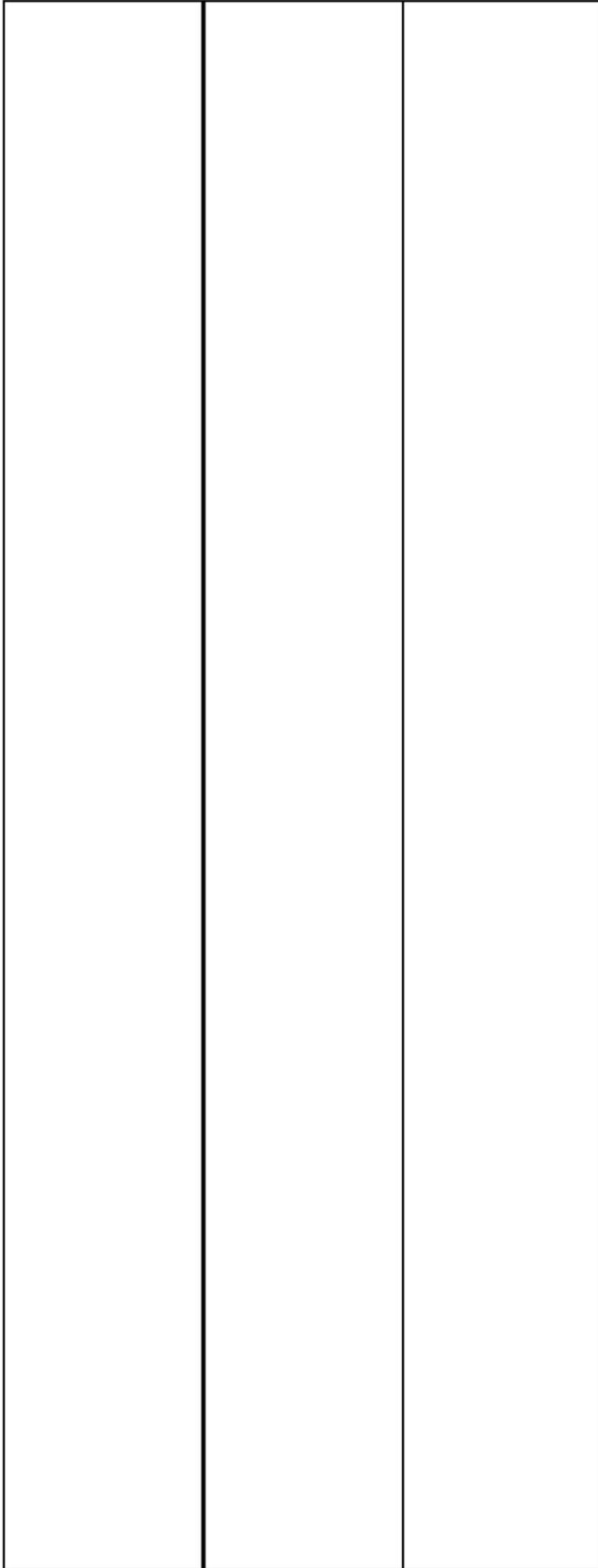
glue here

Cut this
part out too!

Fold on the
dotted lines!

glue here





1. Color and cut out all helmet pieces.
2. Glue and/or tape each strap to the helmet's folded tabs.
3. Wrap the two side straps around head and glue, tape, or staple straps at a good size.
4. Pull the top strap towards the back and attach it to the other straps at a good length.
5. Trim excess straps.
6. Explore space!