



MAKE YOUR OWN BEEP SPACE ROVER!



**Follow the instructions
on each page to cut out
and create your very own
Beep Space Rover!**

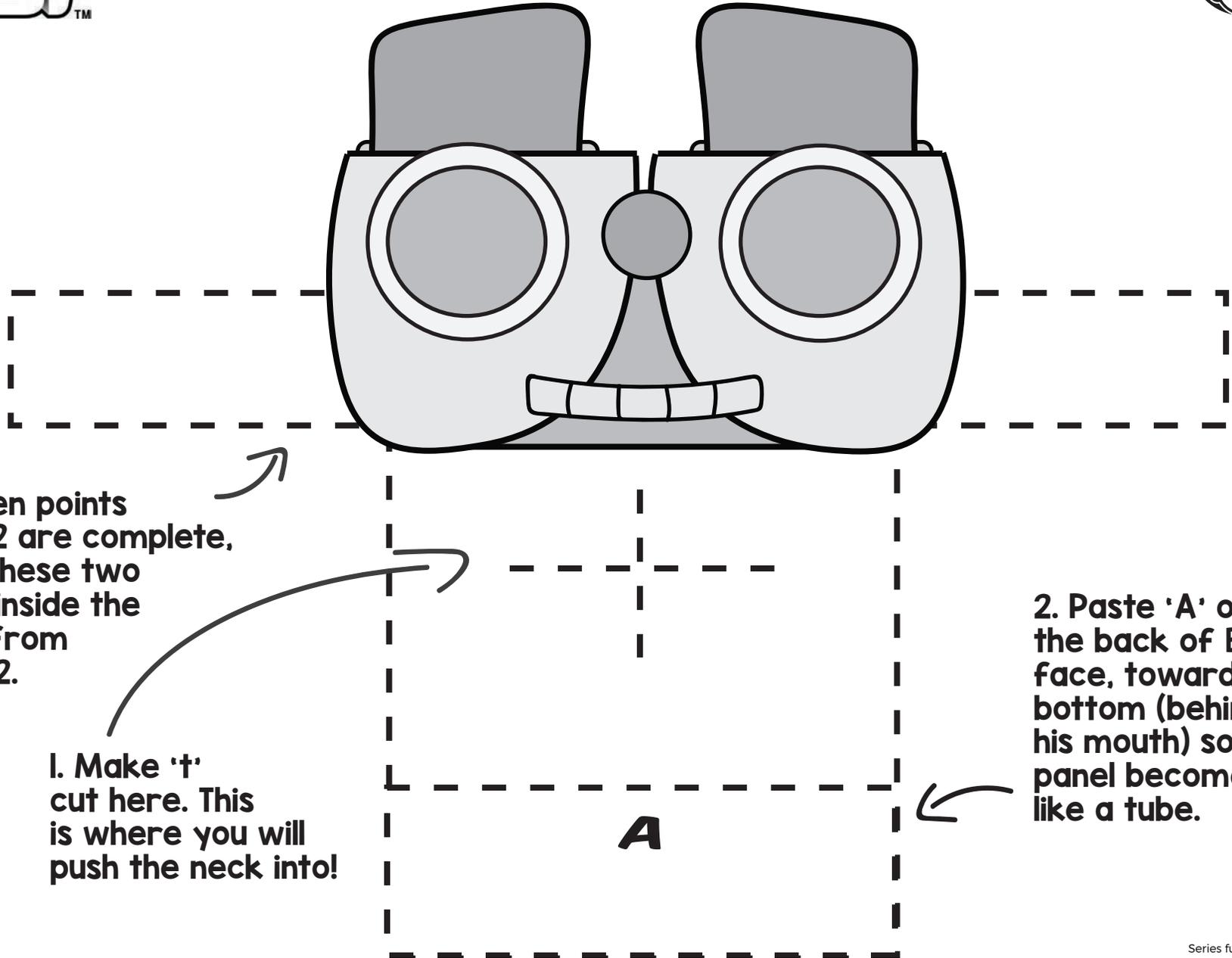
What you'll need:

- Scissors
- Glue or Sticky Tape
- Cardboard (for leg support)



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Beep's Head



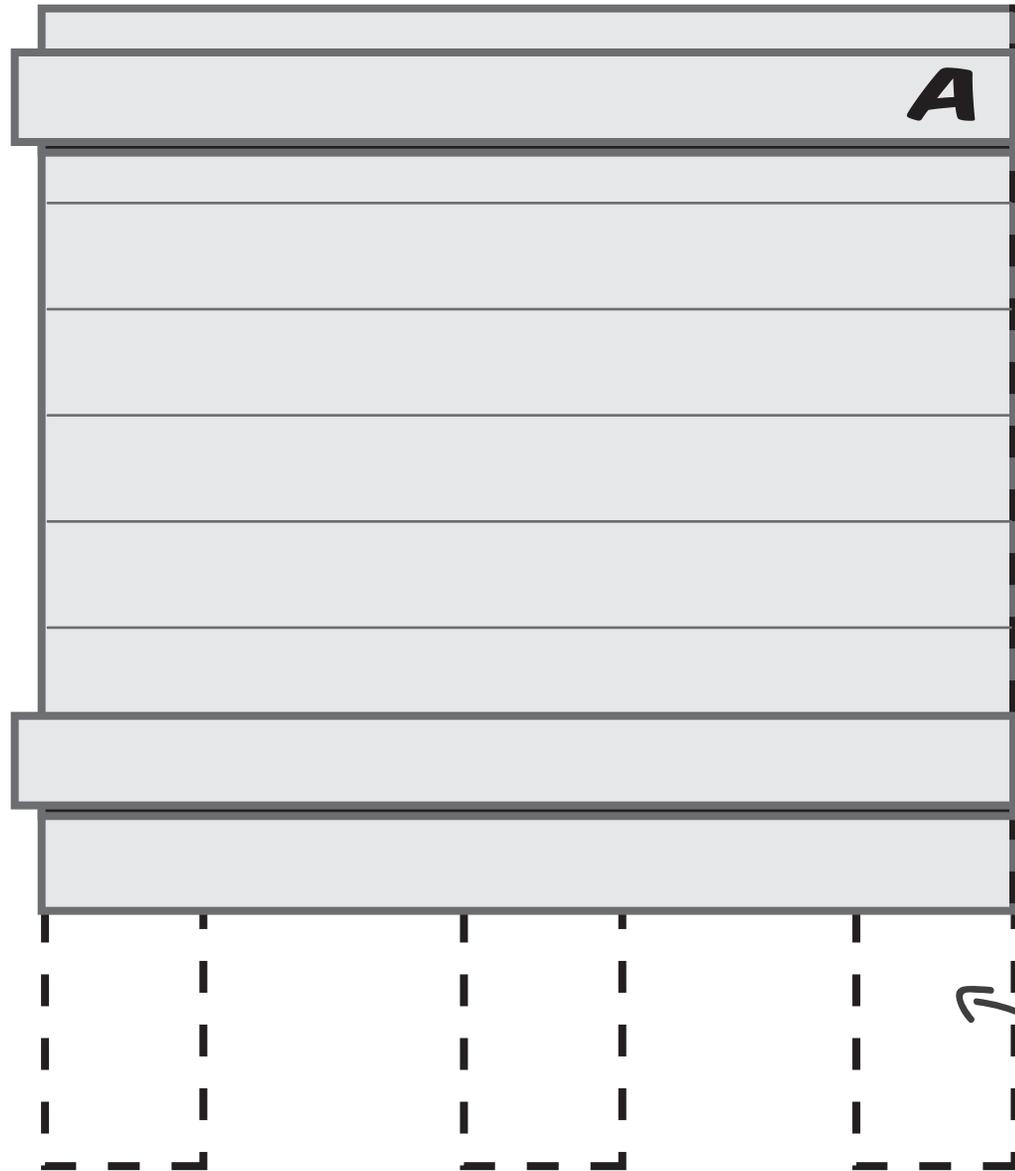
3. When points 1 and 2 are complete, tuck these two sides inside the tube from point 2.

1. Make '1' cut here. This is where you will push the neck into!

2. Paste 'A' on to the back of Beep's face, towards the bottom (behind his mouth) so this panel becomes like a tube.



Beep's Neck



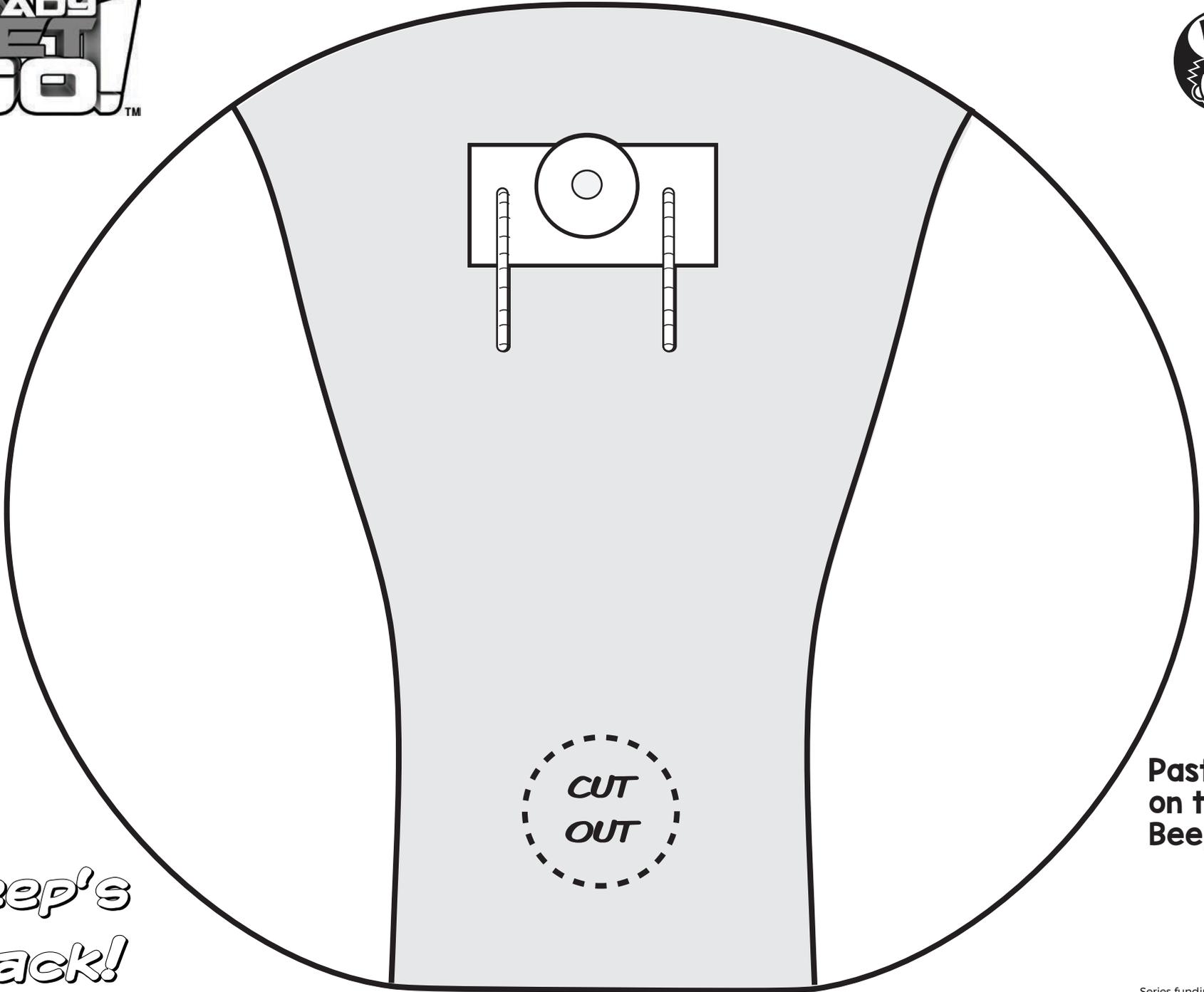
1. Roll this side first, then.

2. Fold and paste 'B' to stick together

3. Once complete you will stick the top of the neck in the 't' cut you made on Beep's head!

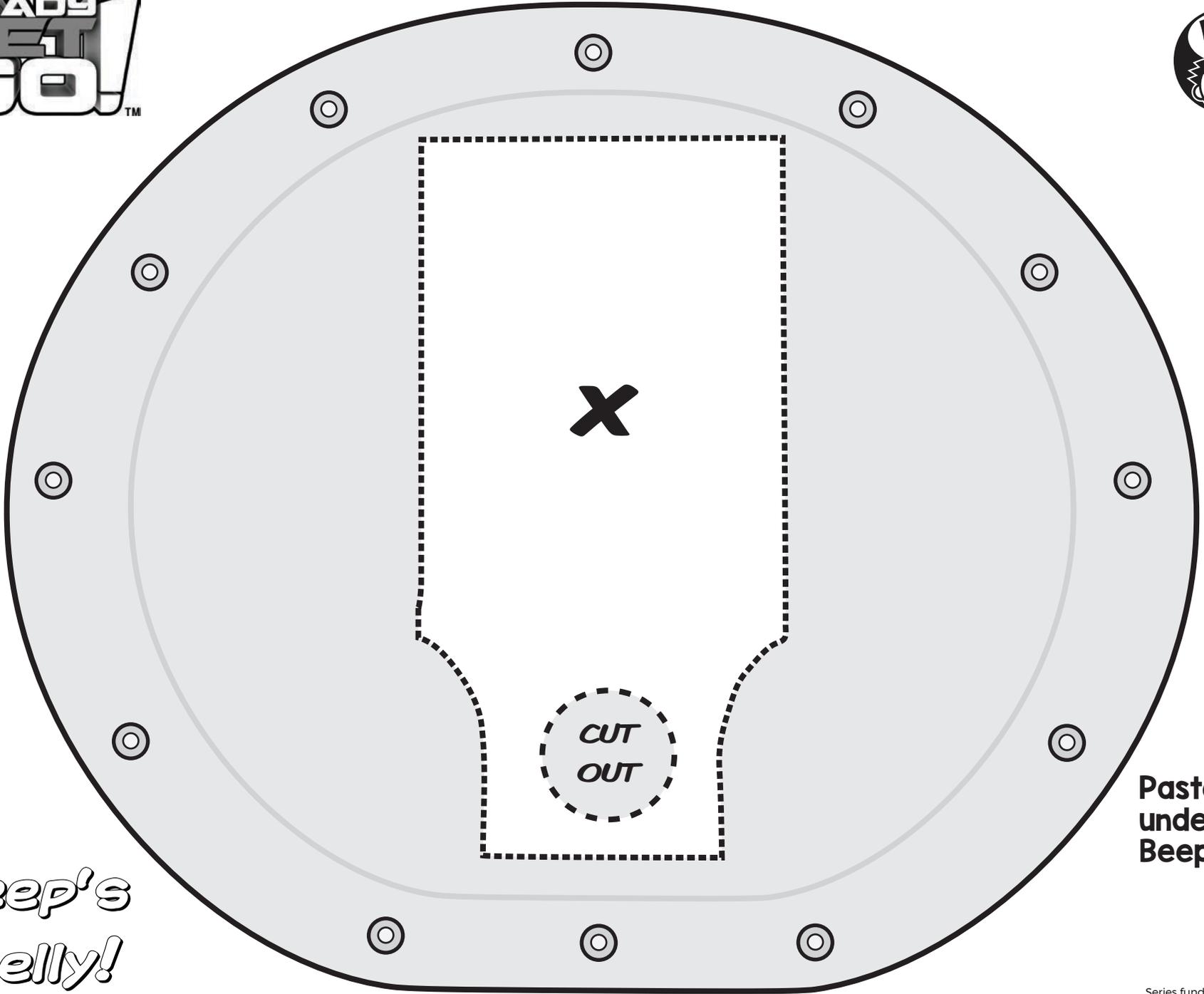
B

4. Once the neck is made, you'll push these through the cut out circle on beep's back.



*Beep's
Back!*

**Paste this
on top of
Beep's belly.**



*Beep's
Belly!*

**Paste this
underneath
Beep's back.**

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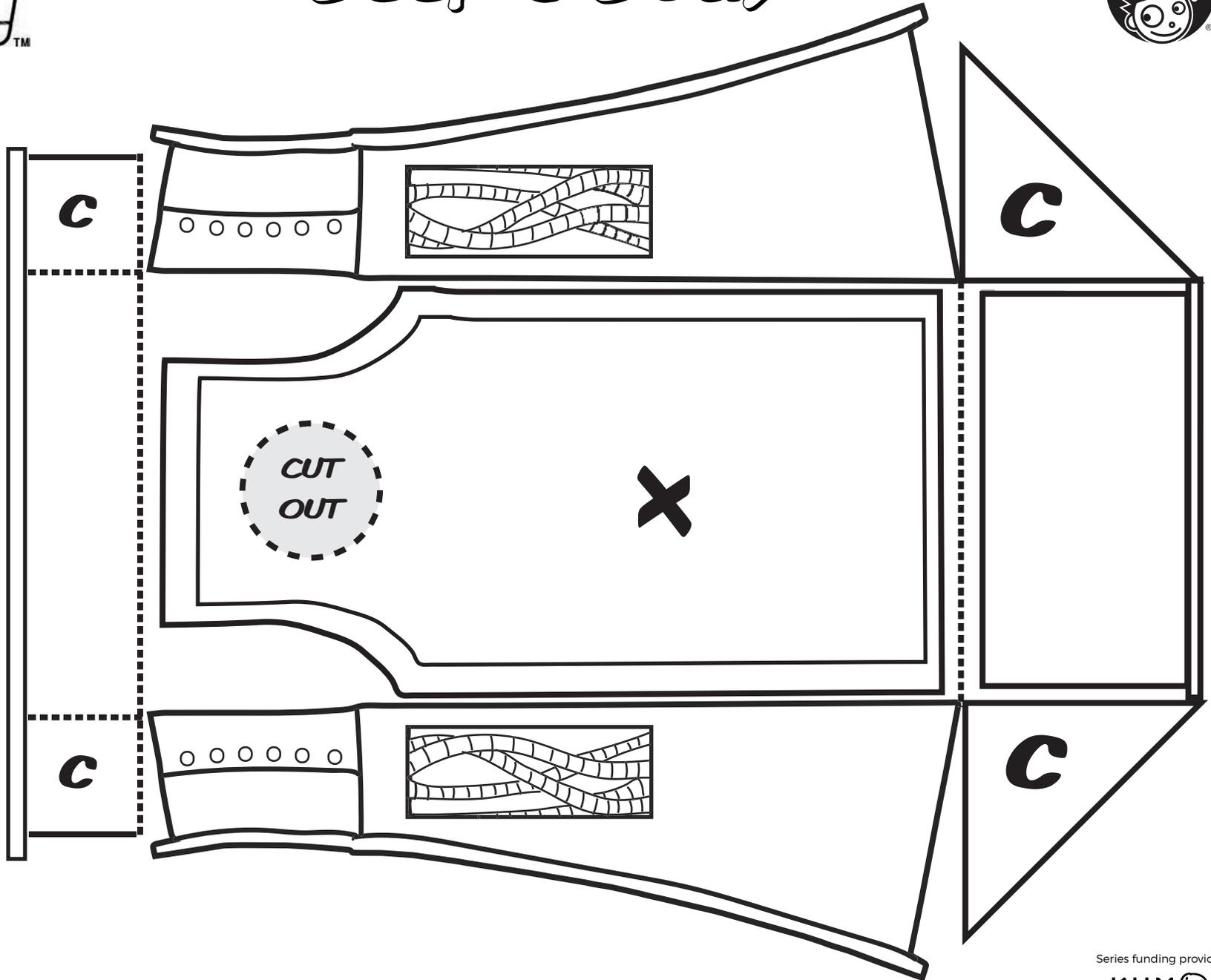
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Beep's Body

1. Fold and paste the pieces marked 'C' underneath the body.

2. Paste 'X' on to the 'X' on Beep's Belly!



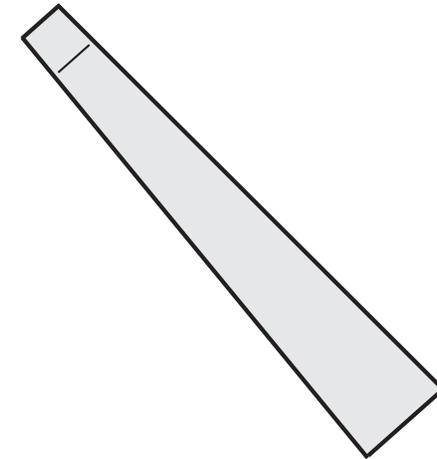
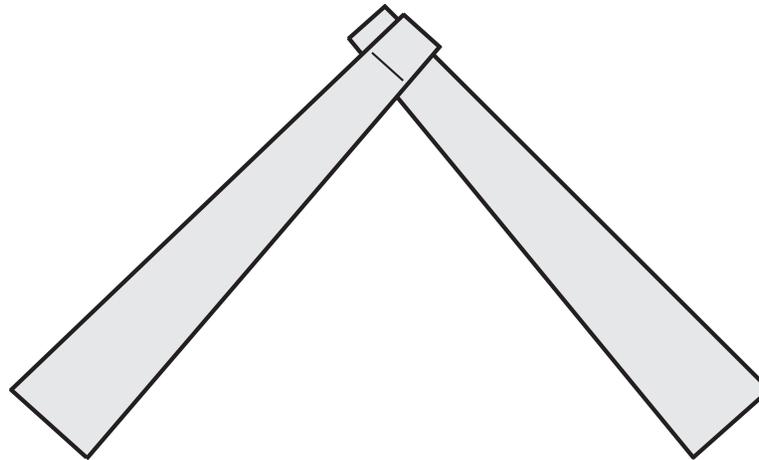
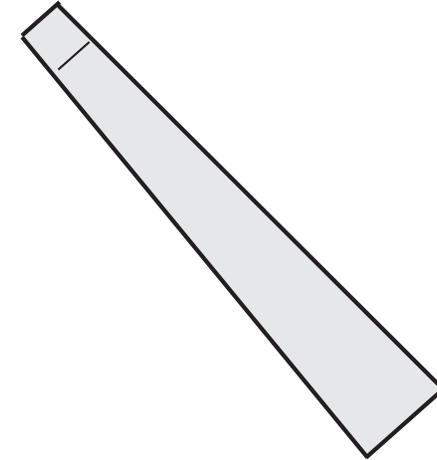
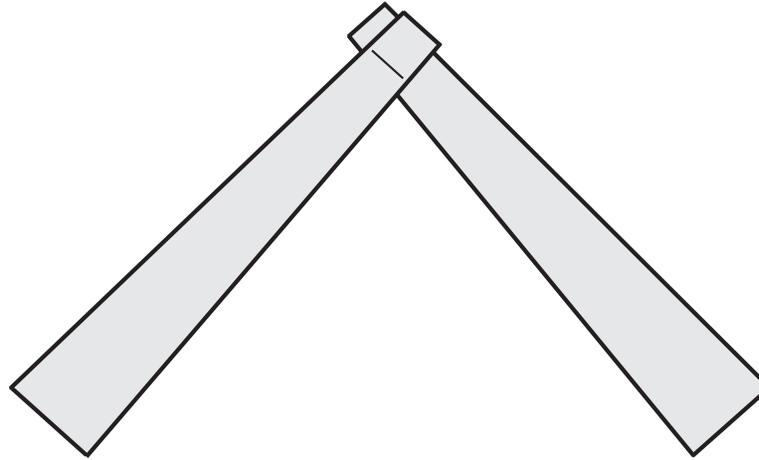
Beep's Legs

1. Cut out the legs!

2. For support, grab some cardboard cut out in the same shape and paste behind the legs.

3. Paste base of legs to the back of the wheels.

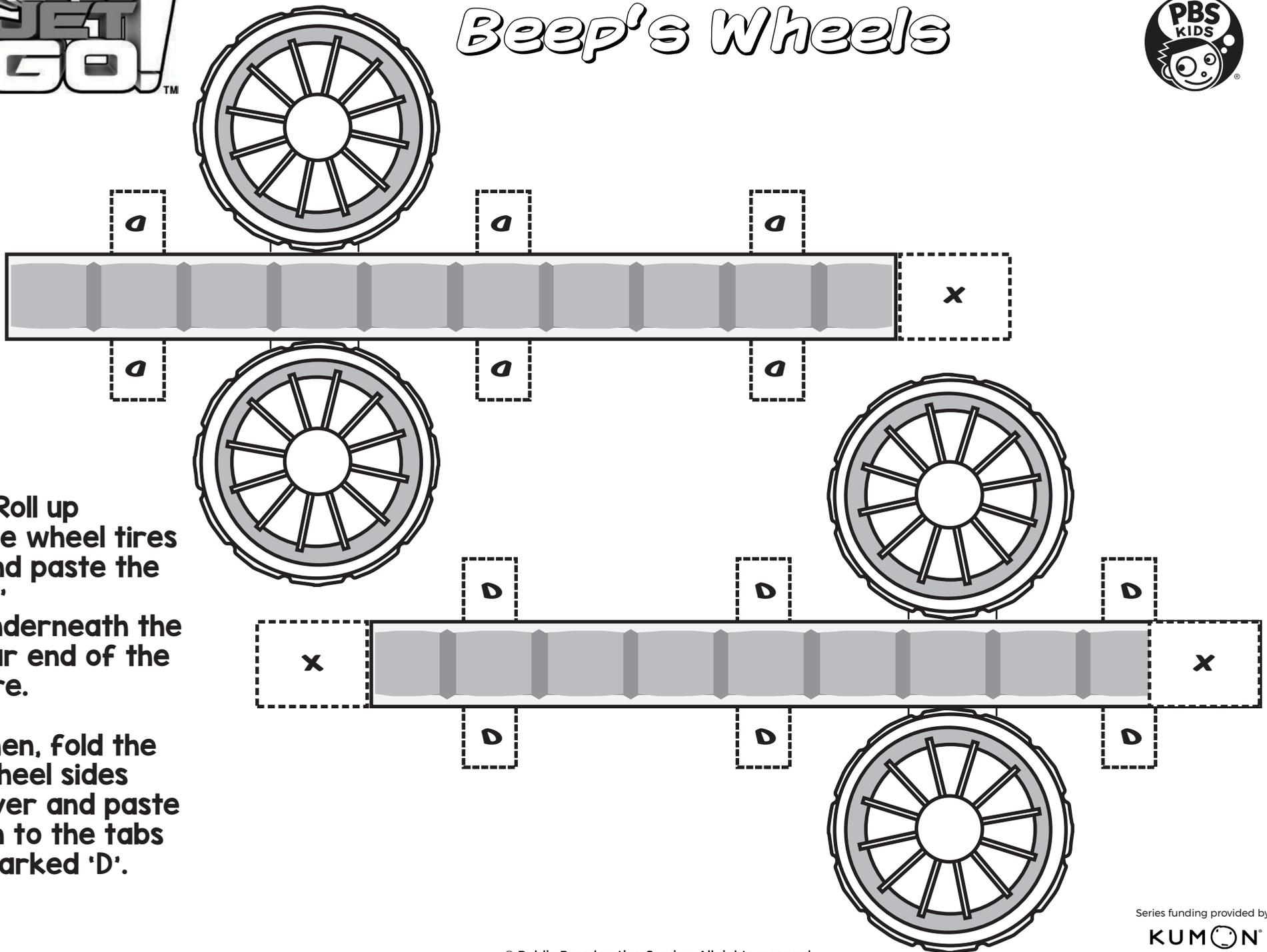
4. Paste top of legs to the inside of the body.



BACK LEGS

FRONT LEGS

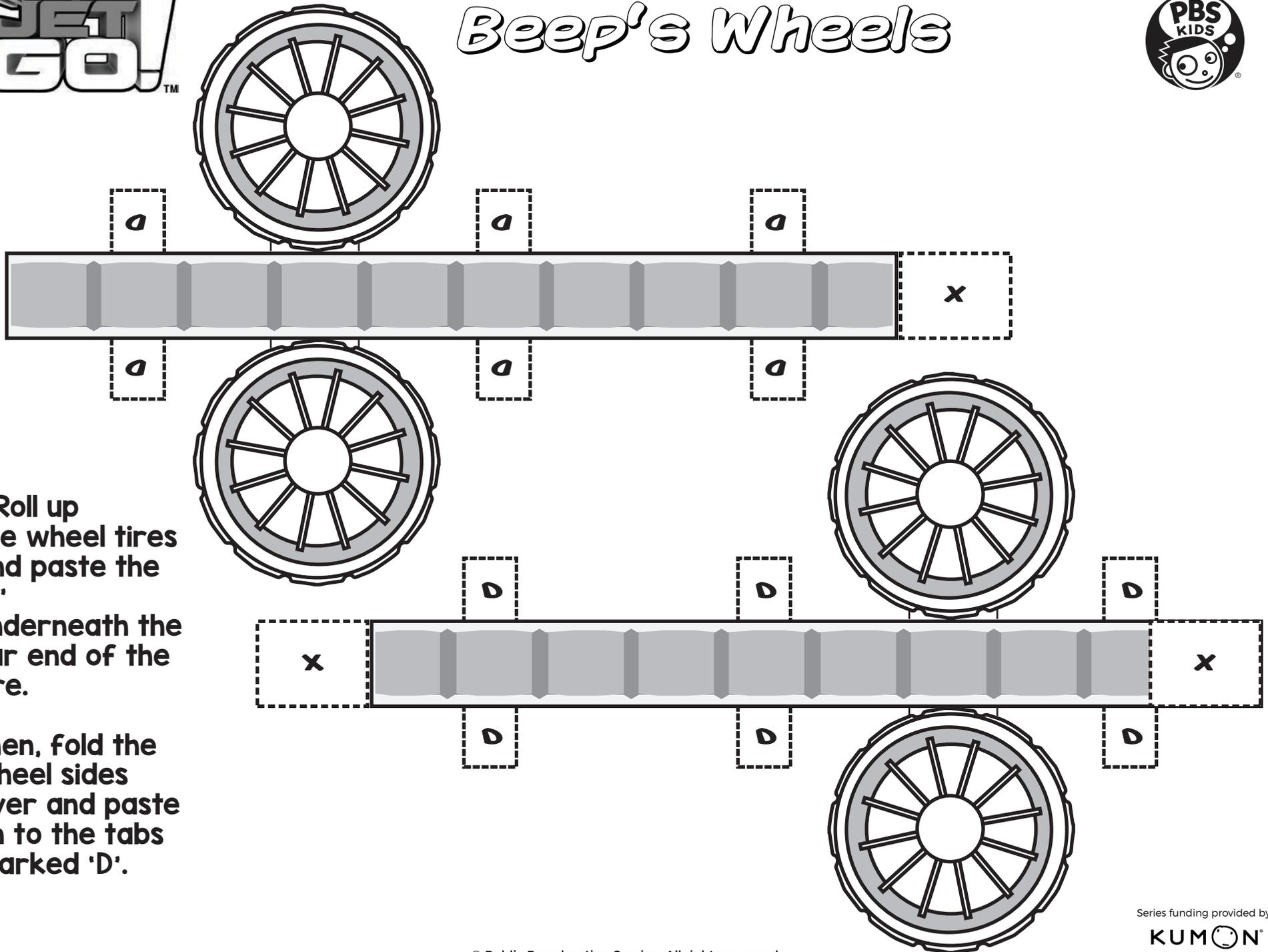
Beep's Wheels



I. Roll up the wheel tires and paste the 'X' underneath the far end of the tire.

Then, fold the wheel sides over and paste on to the tabs marked 'D'.

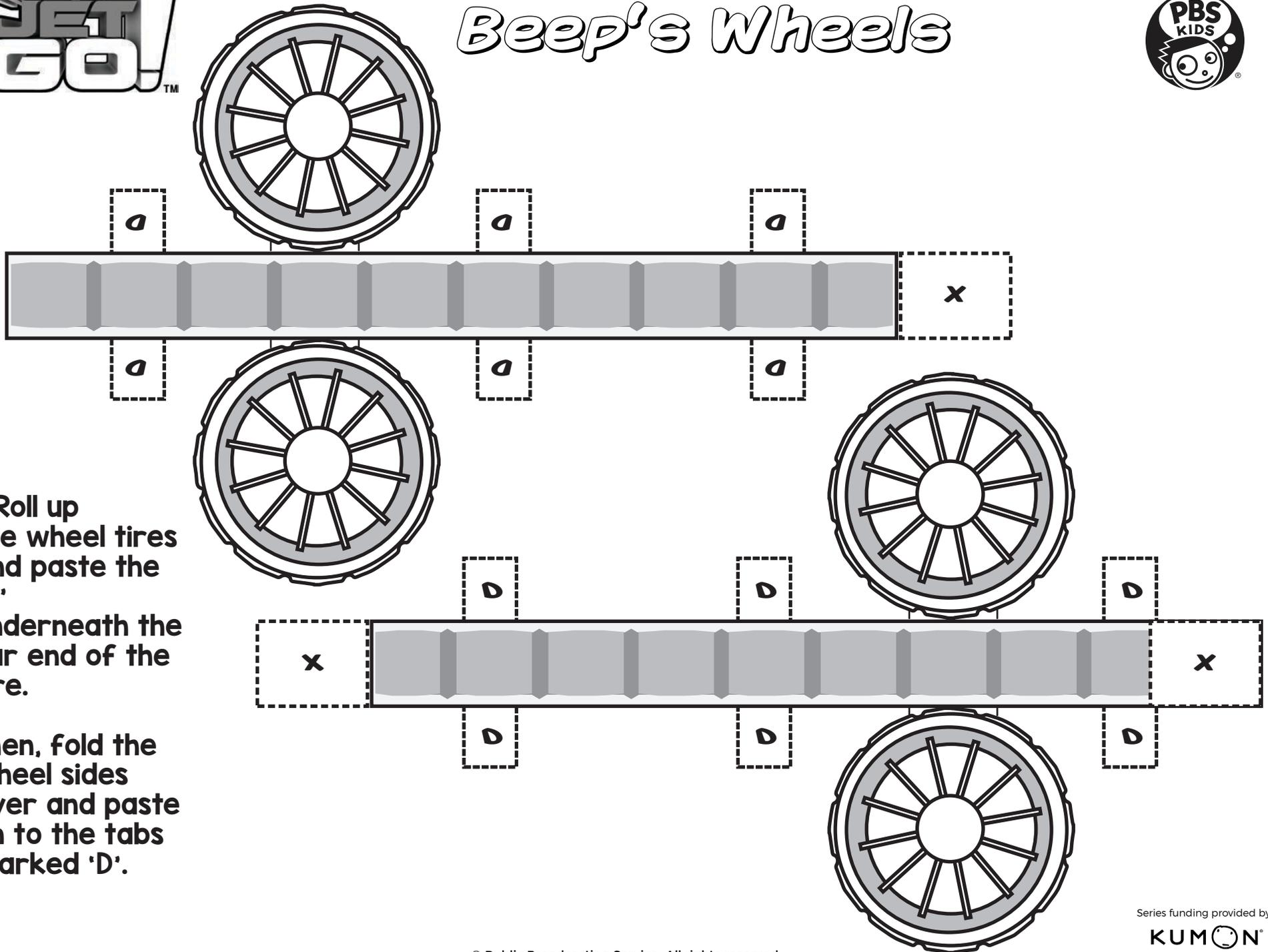
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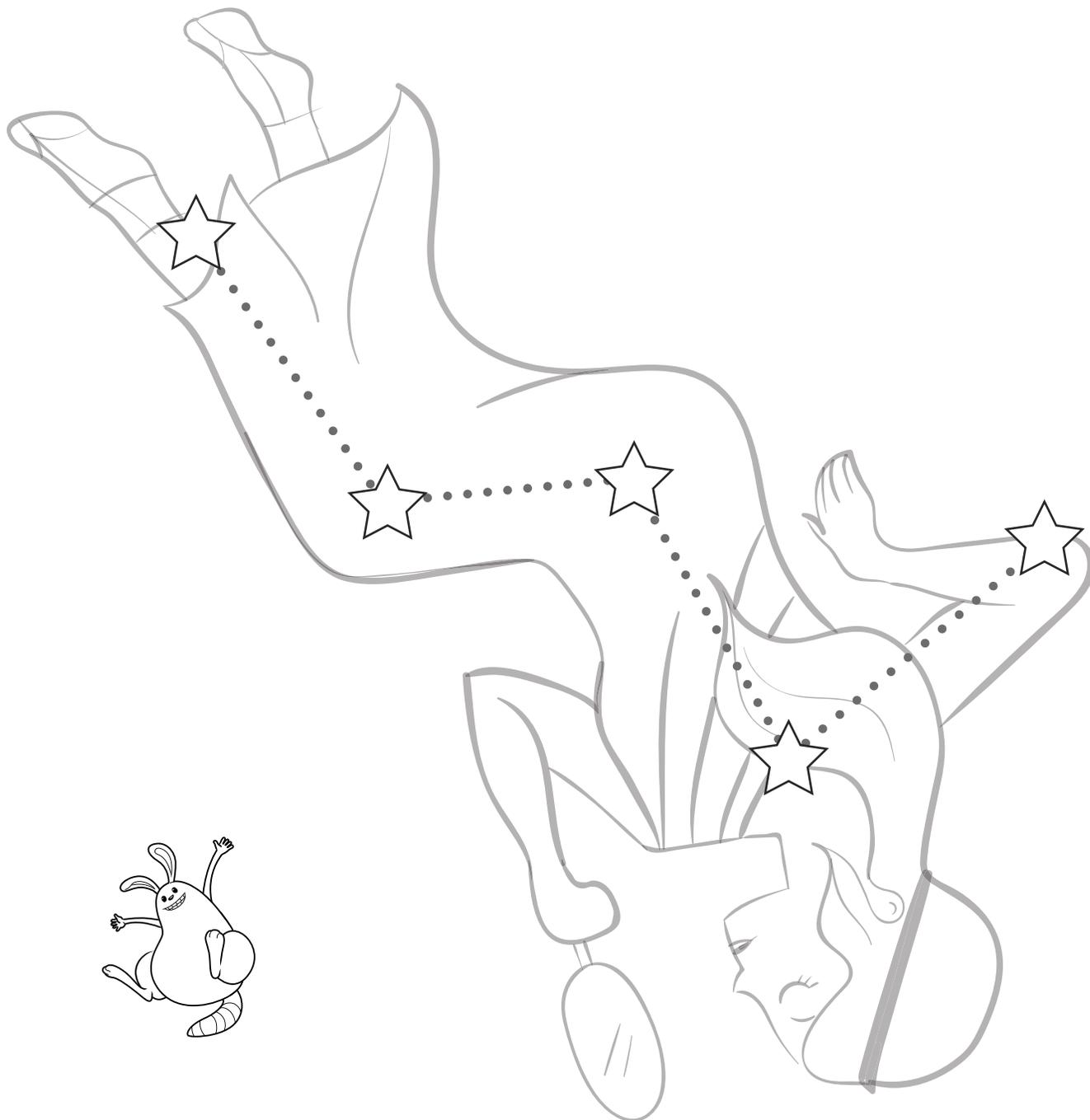


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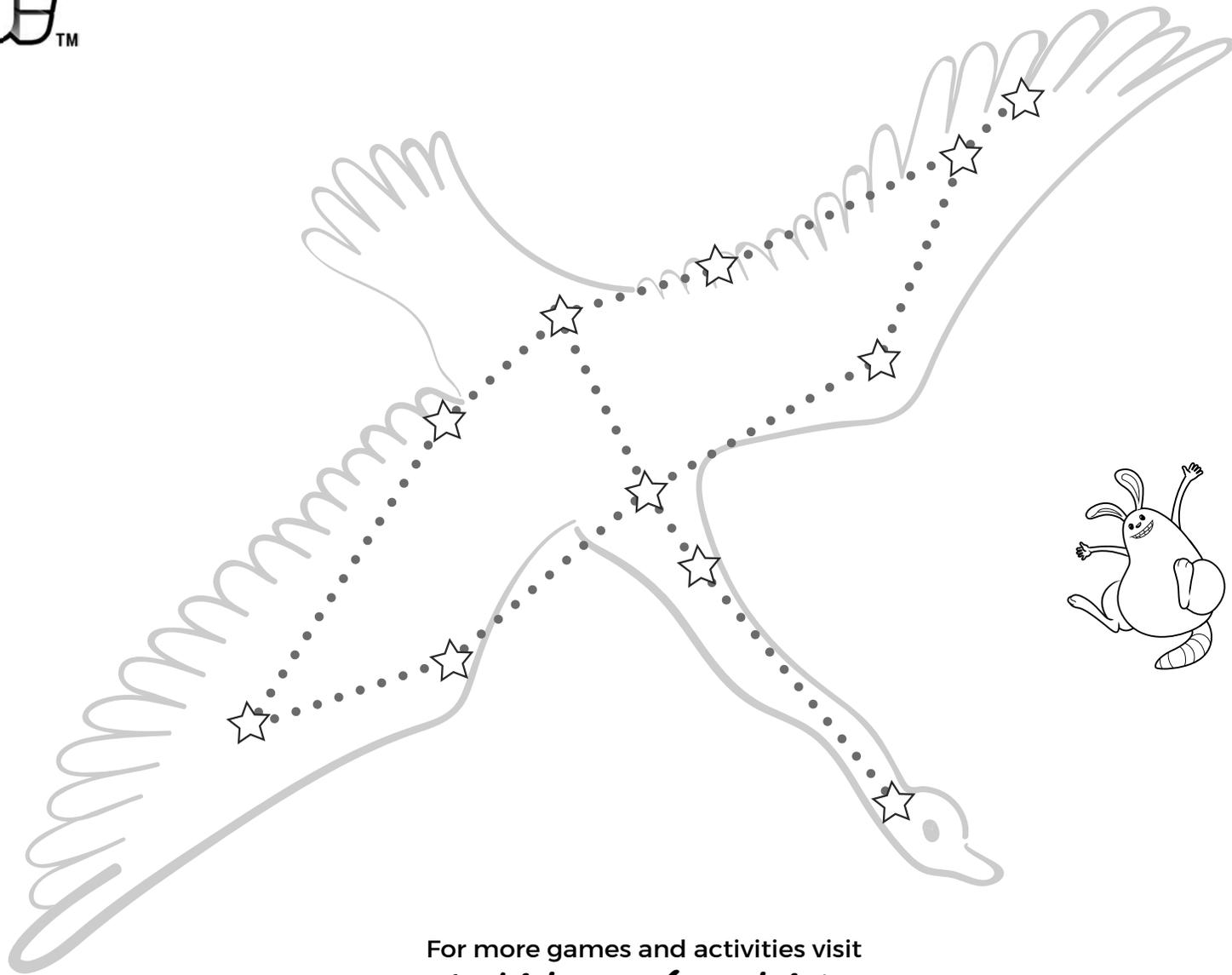
CASSEOPEIA



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CYGNUS



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Pinhole Eclipse Projector



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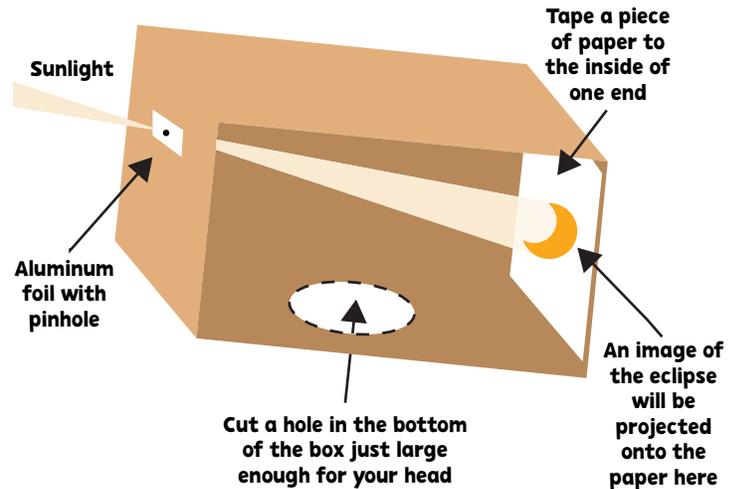
A simple and safe way to watch a solar eclipse is with a box pinhole projector.

ITEMS NEEDED

- A long cardboard box. The longer the box, the larger the projected image. You can tape two boxes together to make a longer box.
- Scissors
- A sharp knife or utility blade (used by an adult)
- Duct tape
- Aluminum foil
- Pin or thumbtack (used by an adult)
- A sheet of white paper

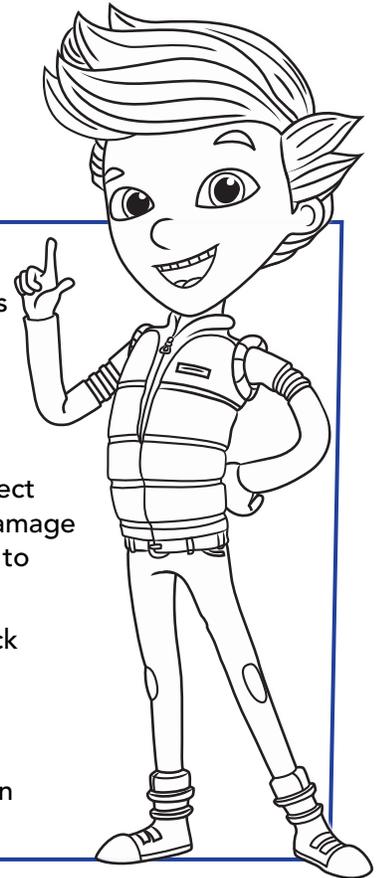
EXCELSIOR! LET'S HAVE FUN!

1. An adult should use the sharp knife to cut a small rectangular hole at one end of the box, near the top. Then, they should cut a second hole on the bottom of the box, just large enough to insert a person's head.
2. Using the scissors, cut out a piece of aluminum foil slightly larger than the rectangular hole. Make sure the foil is completely flat and not crinkled.
3. Tape the foil over the rectangular hole by placing duct tape around the edges of the foil rectangle.
4. An adult should use the pin or thumbtack to poke a tiny hole in the center of the foil.
5. Tape the sheet of paper on the inside of the box, opposite the side with the pinhole.
6. To use your viewer, stand with your back to the Sun. Place the box over your head with the pinhole behind you pointed toward the Sun. Adjust your position until you see a small projection, a negative image, of the eclipsed Sun on the paper in front of you inside the box.



SAFETY FIRST!

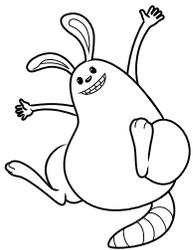
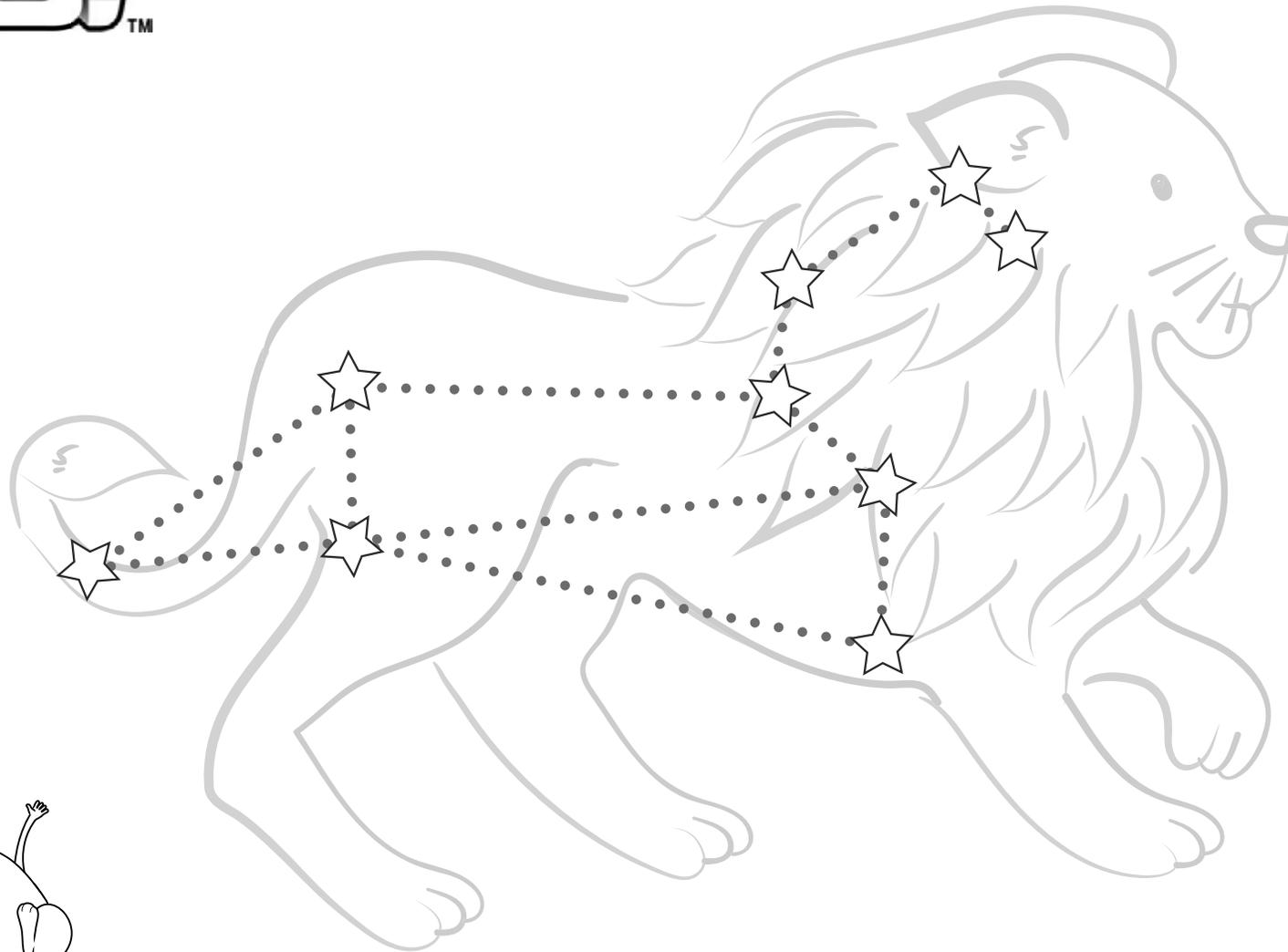
- An adult should help with the sharp objects used in this activity.
- **Never look at the Sun directly without protective eye gear.** Sunglasses can't protect your eyes from the damage the Sun's rays can do to them.
- Always keep your back toward the Sun while looking at a pinhole projection.
- Do not look at the Sun through the pinhole.



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LEO



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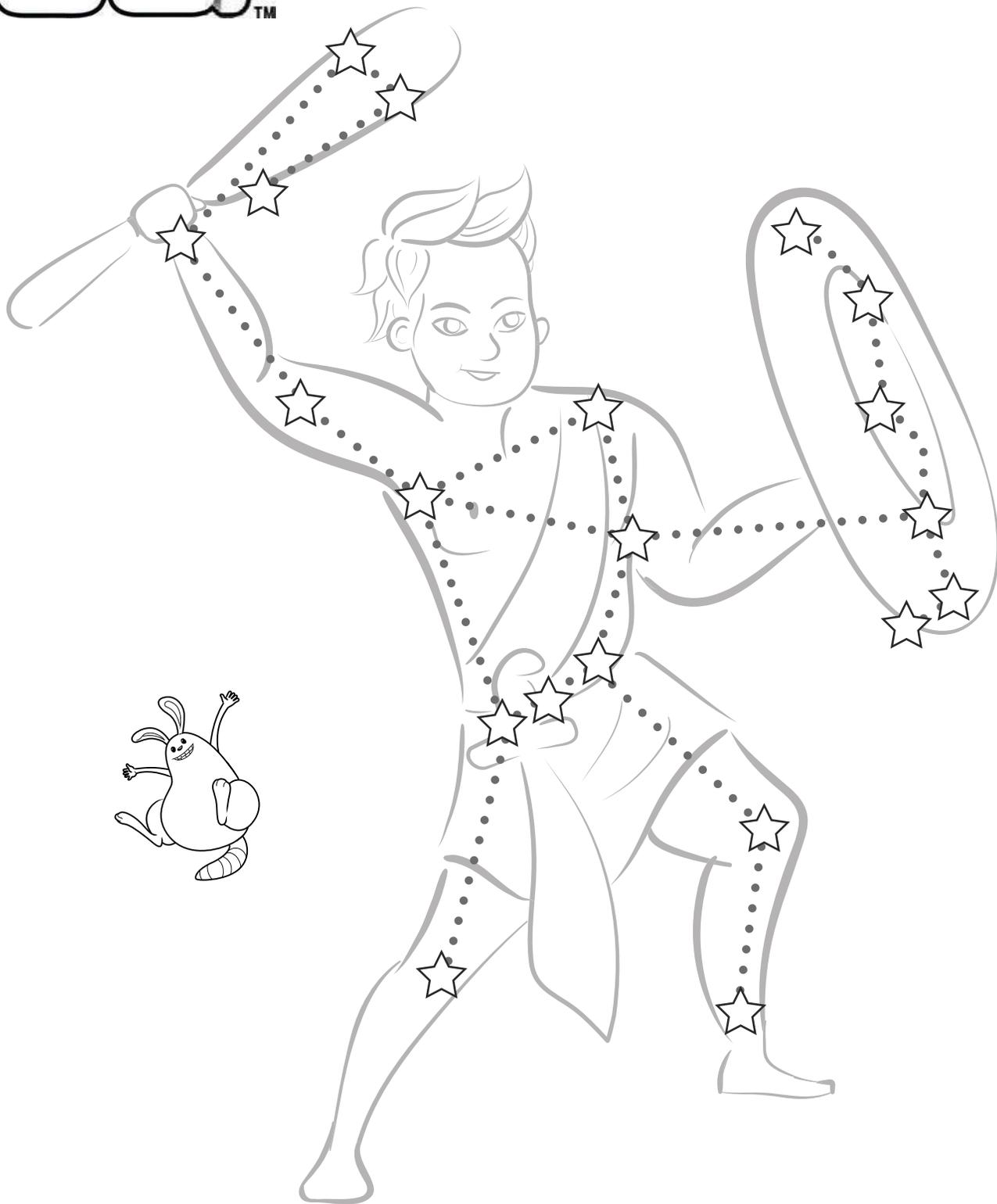
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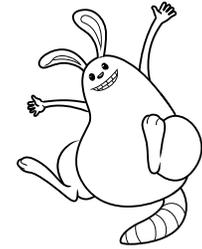
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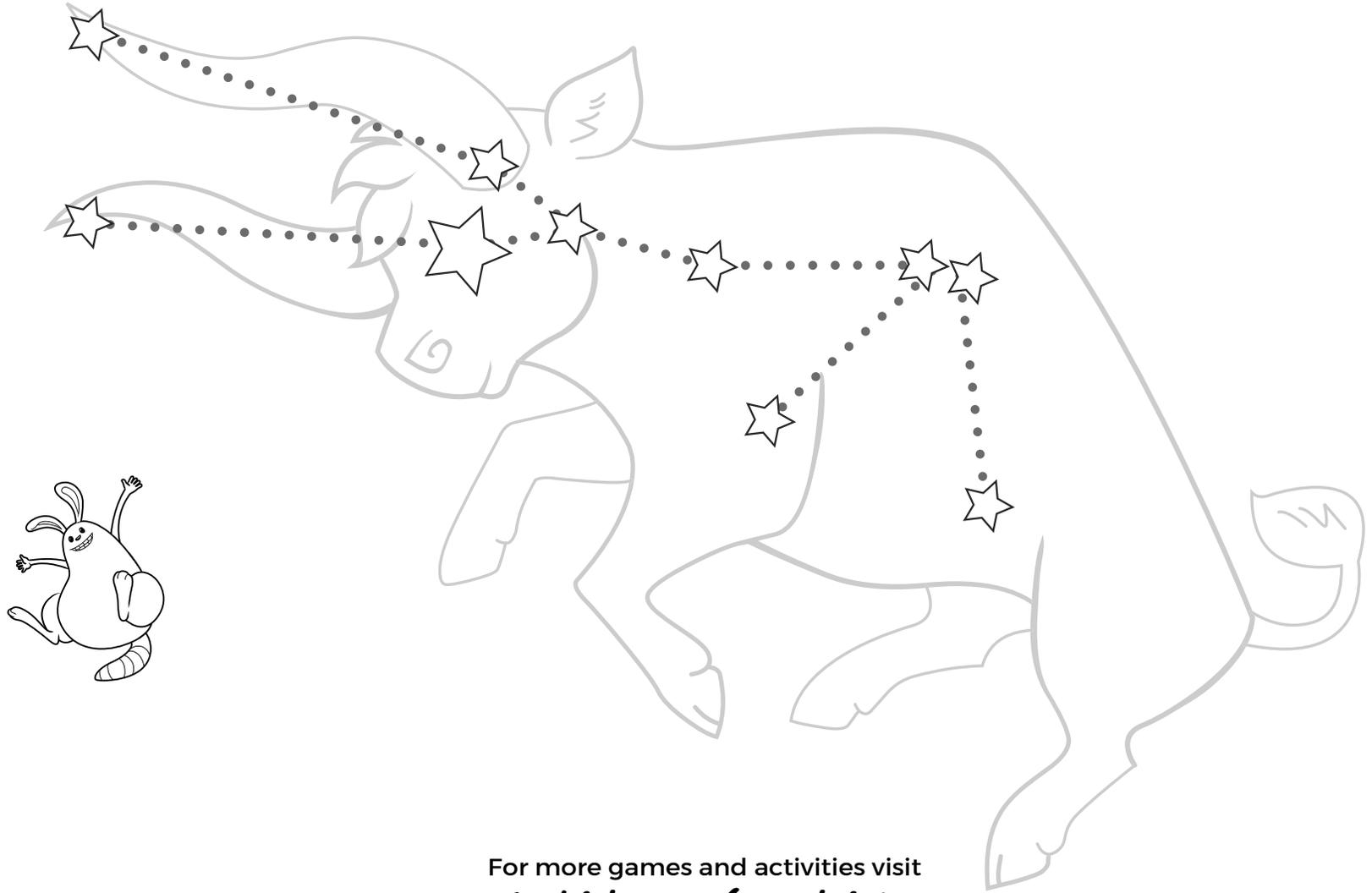
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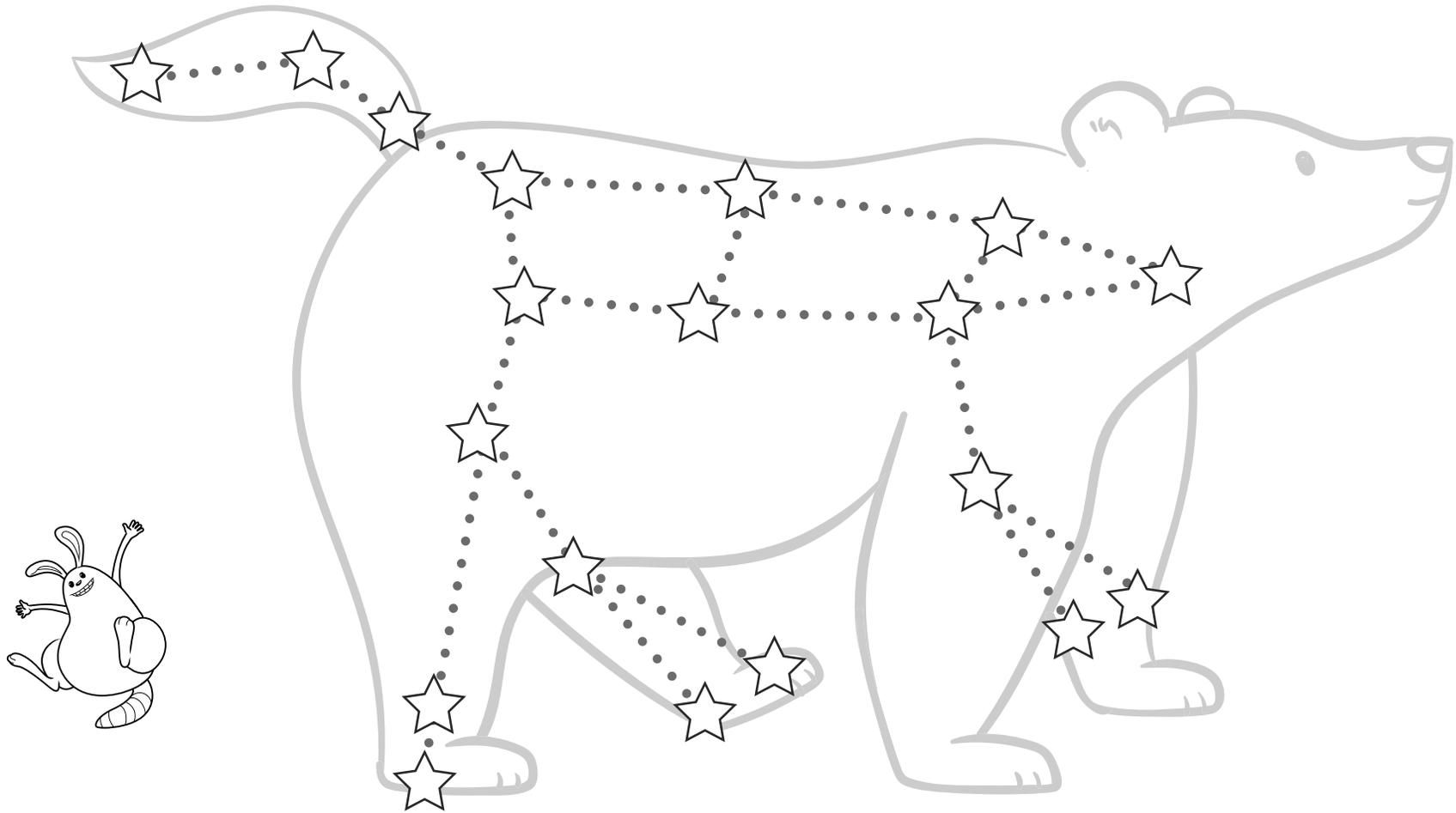
TAURUS



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URSA MAJOR



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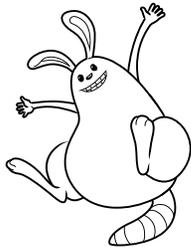
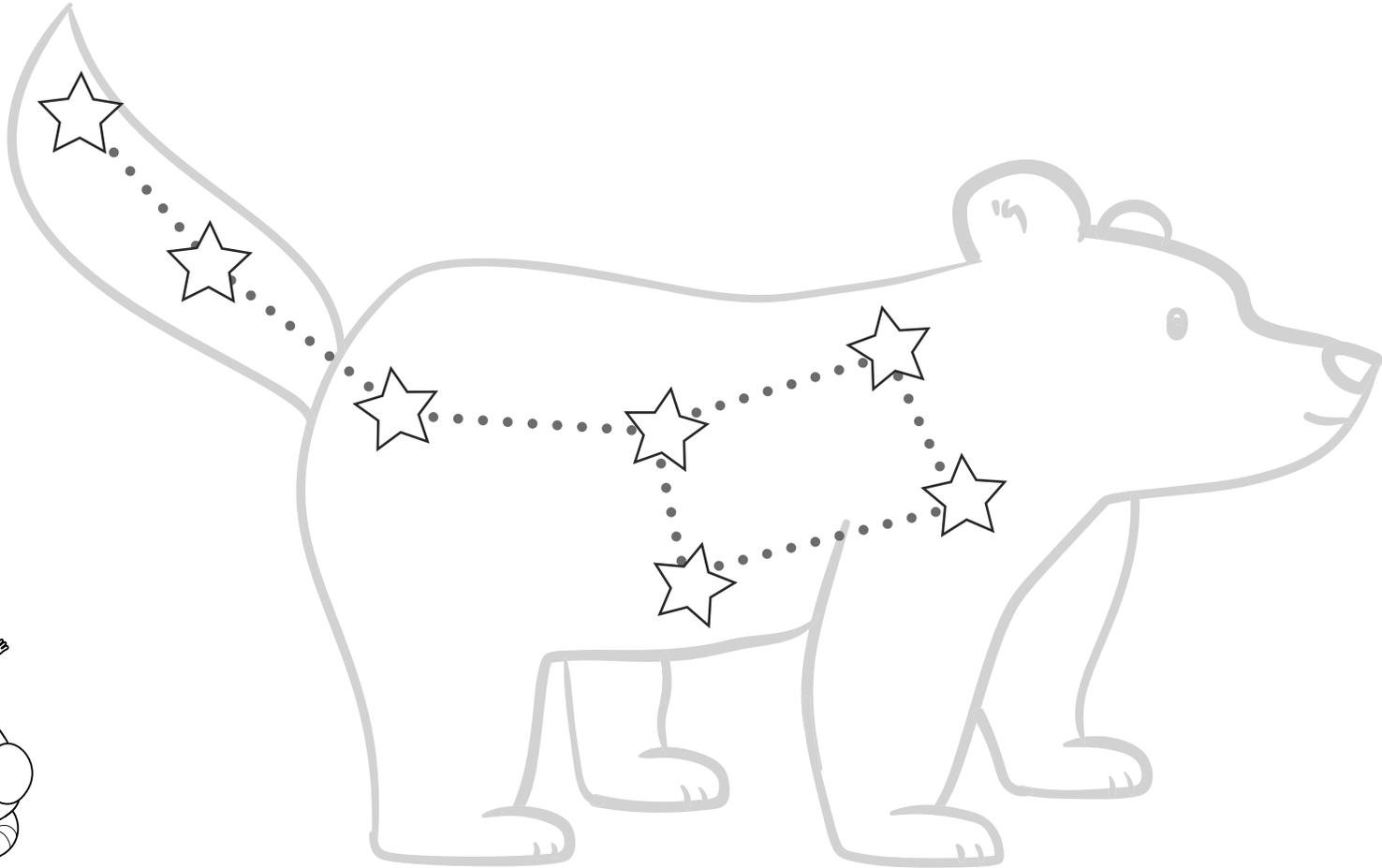
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URSA MINOR



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