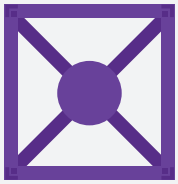
SPACE LANTERN TAKE-HOME KIT

INNOVATION WYRKSHOP

INNOVATE HER CLUB

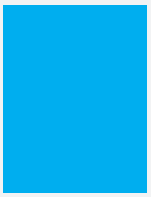
SPACE LANTERN TAKE-HOME KIT

Materials Provided:



lantern base

black paper (x4)

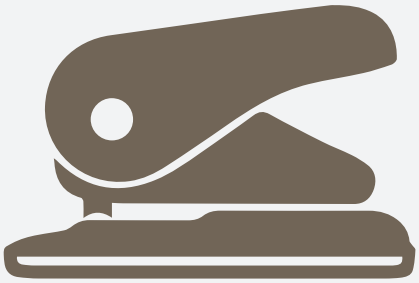


foam rectangle

tea light

oval stickers (x8)

Materials Needed:



holepuncher

OR

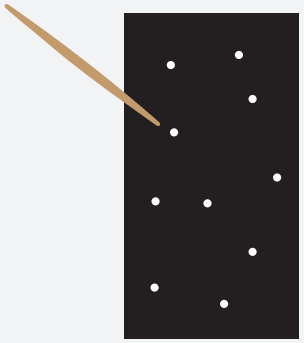
toothpicks

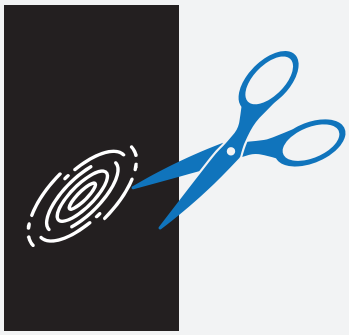
scissors

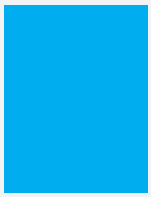
MAKE YOUR LANTERN!

STEP 1:

Using your holepuncher (or toothpick) and scissors, make holes in the black paper to represent stars and cut out other space designs using the scissors.





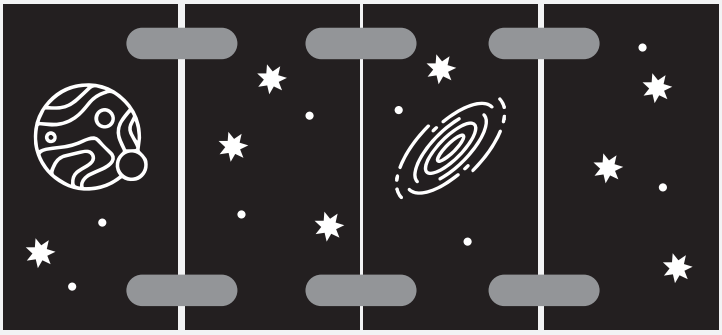


Handy Hint!

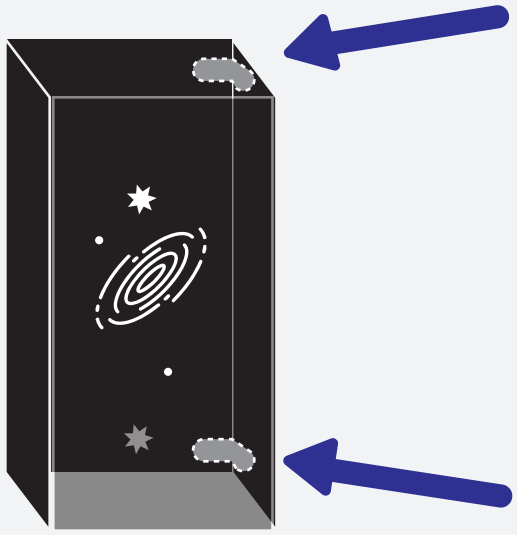
place the foam rectangle underneath the paper to make it easier to poke holes through!

STEP 2:

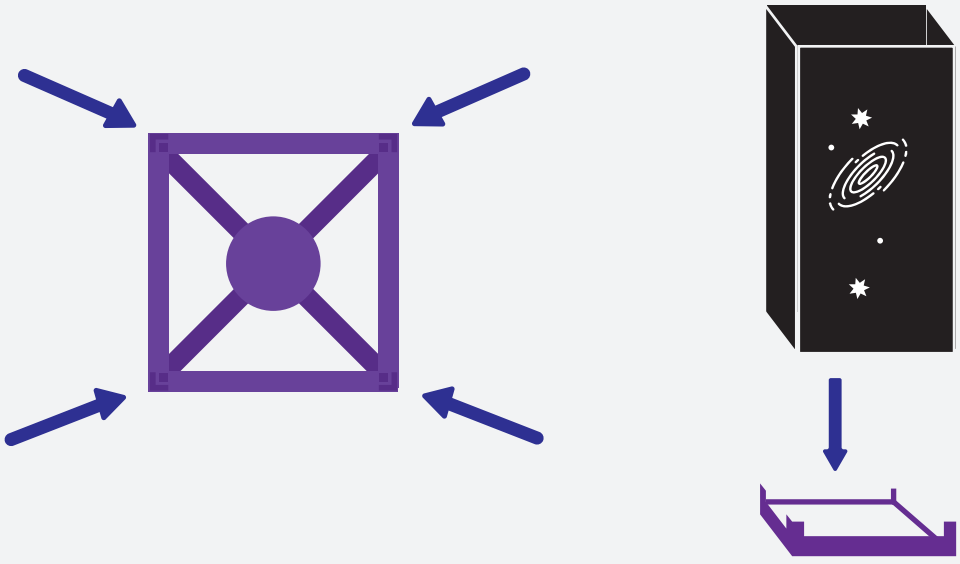
Tape your black paper together using 6 of the oval stickers.



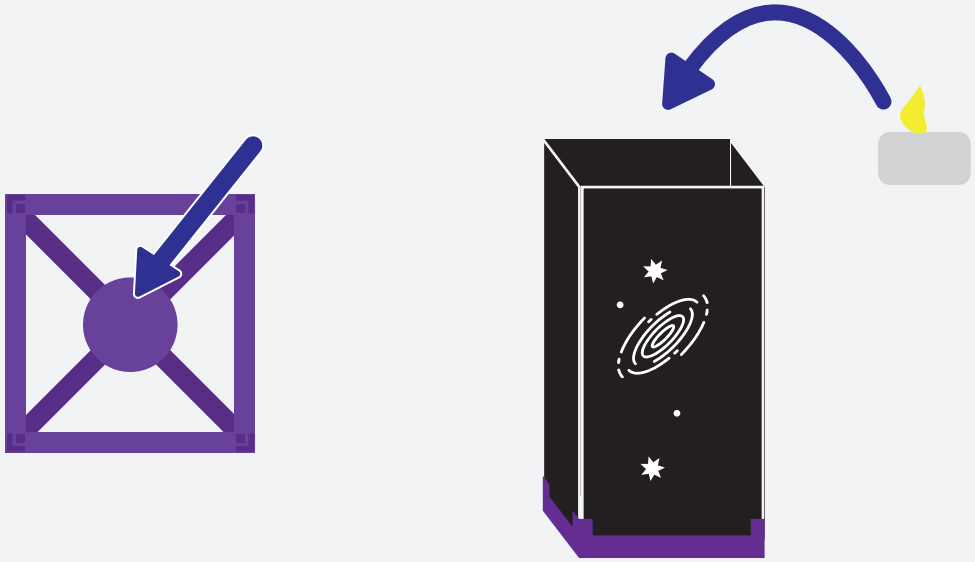
STEP 3: Connect the two ends of your papers together with the final two oval stickers to create a box shape.



STEP 4: Fit the corners of your lantern box into the corner slots of the lantern base. You may have to manipulate the paper a little to get it to fit.

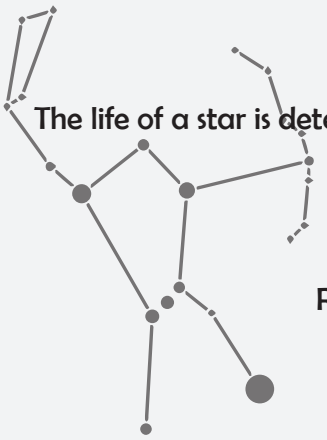


STEP 4: Turn your tea light on and place it in the circle, in the center of the lantern base.

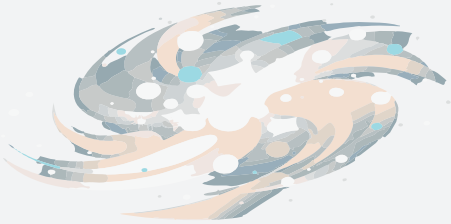


STEP 4: You're finished! Put it wherever you'd like for a nighttime space lantern.

WHAT WE KNOW ABOUT SPACE



The life of a star is determined by its starting mass.



Roughly 100 billion galaxies are scattered throughout our observable Universe

Our sun is classed as a yellow dwarf star and is about 4.5 billion years old.

Venus is the hottest planet in our solar system, more so than Mercury.

A light year is the distance a photon travels in one year, which is about 6 trillion miles.

The parallax method is a geometrical way to measure the distance to stars.

More than 1,000 Earths would fit into Jupiter's Sphere.

More than 1,000 Jupiters would fit into the Sun's Sphere.