


KIDS.ALMA.CL

Interactive Activity

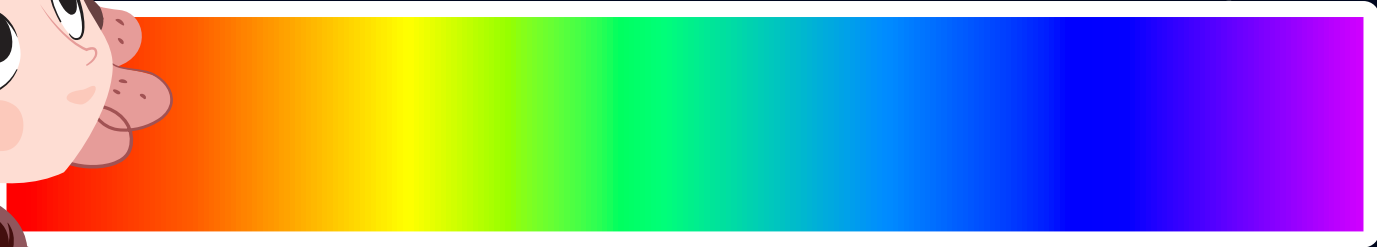
Light Box





Solar light is our primary source of energy. Playing with the Sun and its light is like playing directly with the Universe.

How do you do it?

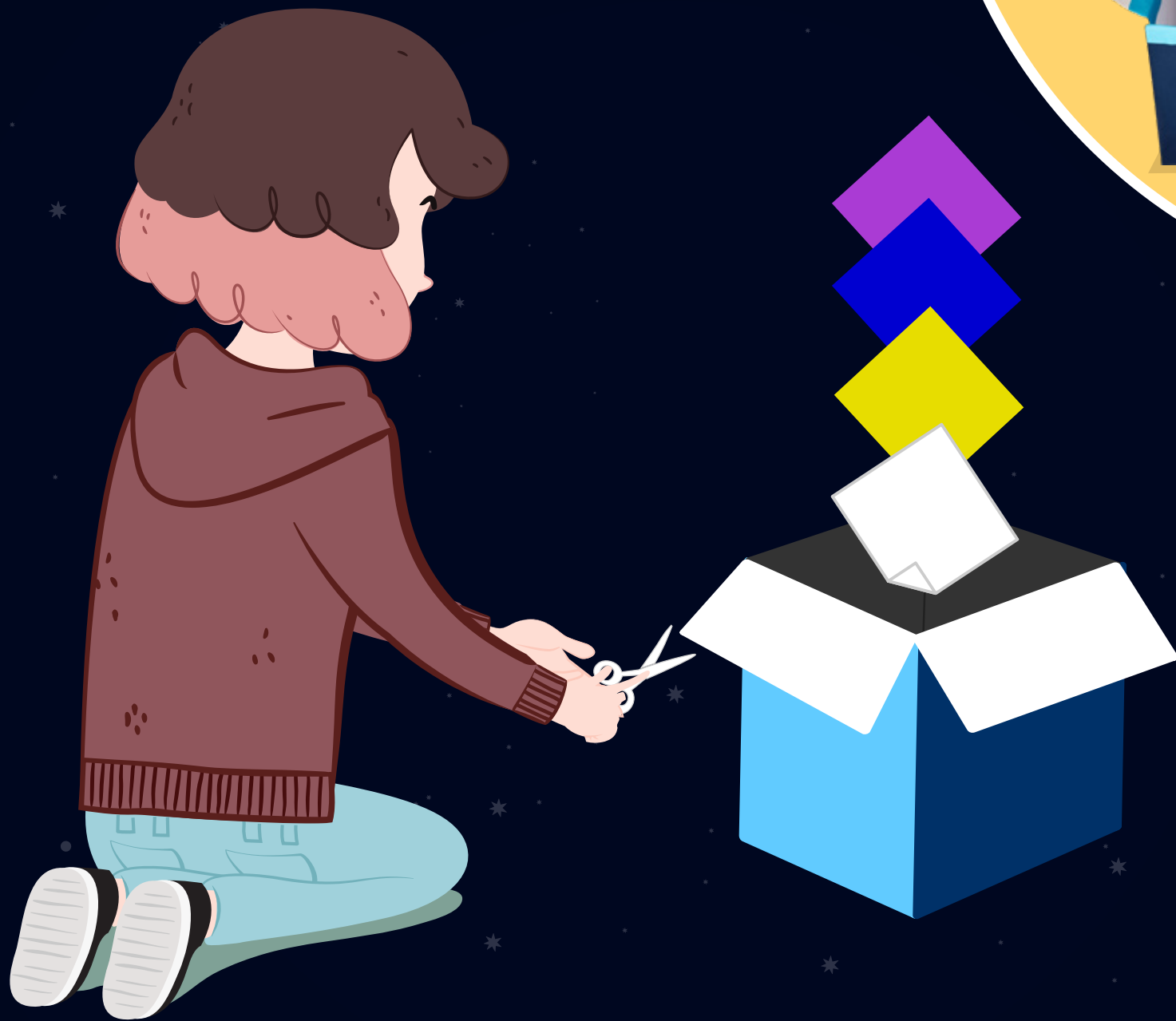


Materials

- Cardboard box
- 2 CDs
- 2 mirrors
- Adhesive t
- Glue
- Color pencil
- Blank sheets of paper
- Scissors
- Colored paper
- Decorative items
- Flashl



Step 1: Gather materials and start to decorate your box with the help of and adult.



Step 2: Line the outside of the box with colored paper and the inside with blank sheets of paper.



Step 3:

Stick the CDs on the flaps of the box with adhesive tape or any strong glue.

Step 4:
Place the mirrors inside the box facing the CDs.





Remember that you are creating your own planet. Use your imagination to the fullest!

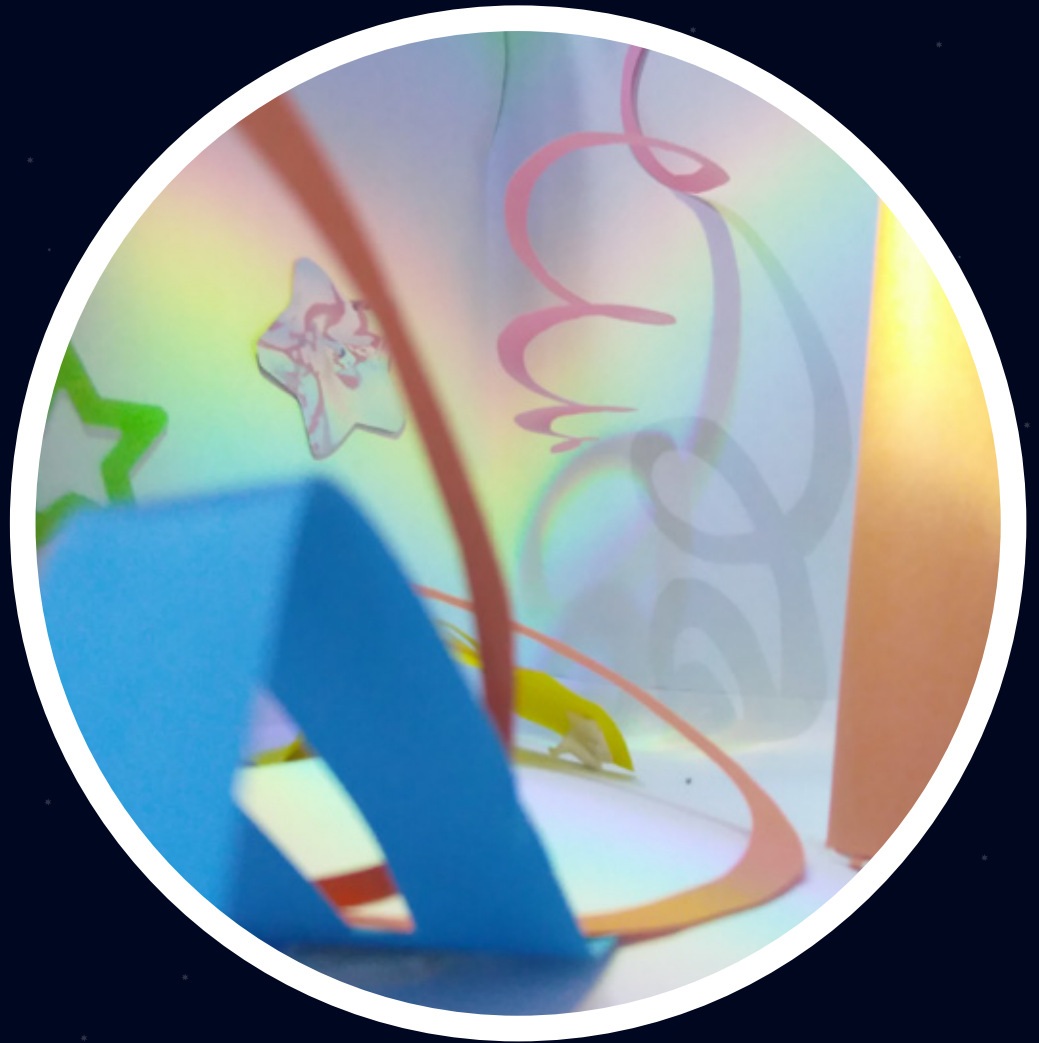


Step 5: Make your decorations of another planet with colored cardboard and stick them inside the box.

Step 6: Decorate the outside of the box with stars and planets and place the rest of the decoration inside.

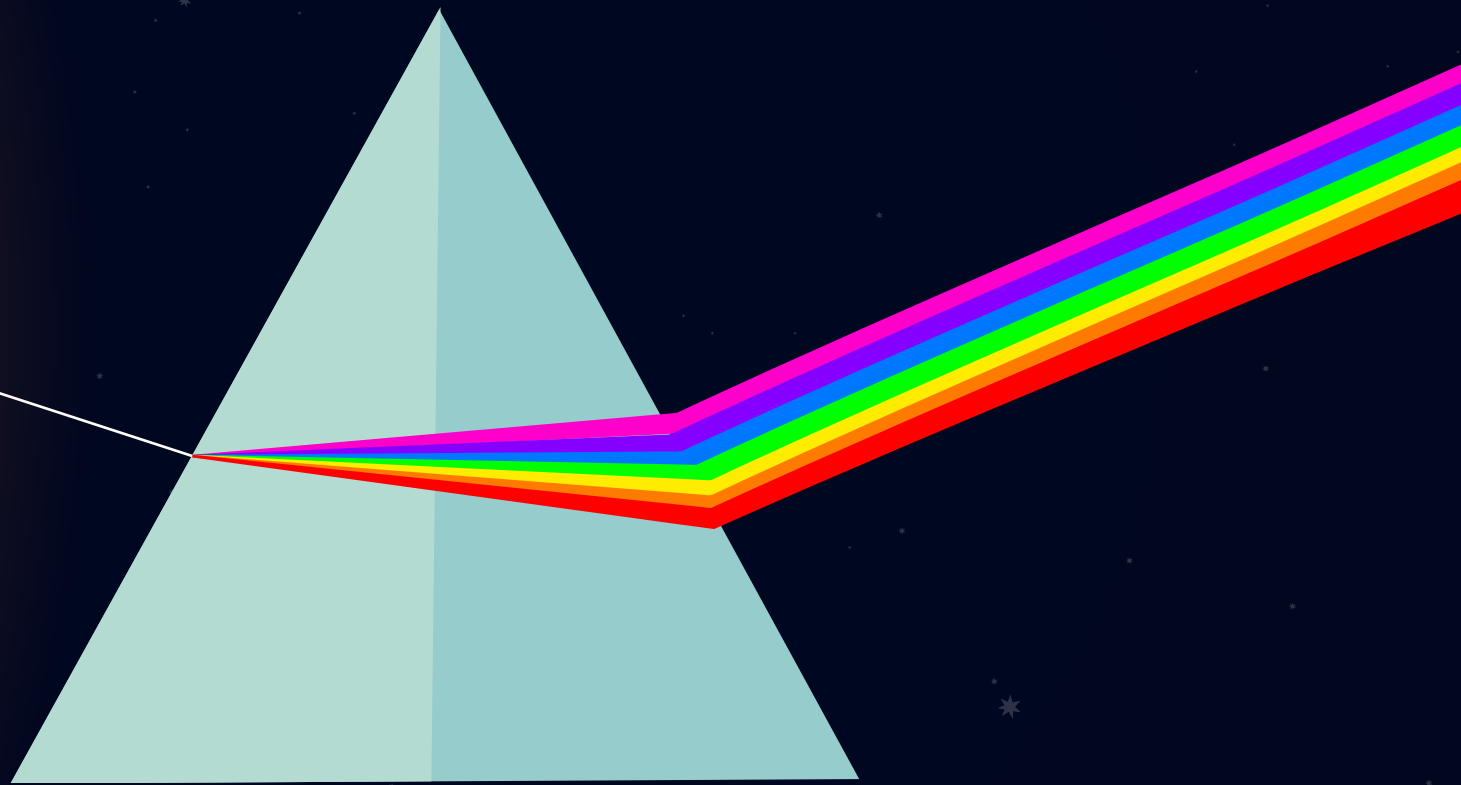


Our light box is complete!
Take it to a window and
let the Sun rays illuminate
the CDs or use a flashlight in
a dark room!



Step 7: When the light hits the CDs, it changes their direction and the Sun's rays decompose into all the colors known to humans.

This phenomenon is called white light dispersion, and the colors of the rainbow that we see are what we call the visible light spectrum.



Now that we know this aspect of light, we can play with it and control it!



Activity Design
Catalina Rojas

Character Design
Frannerd

Publication Supervision
Valeria Foncea
David Fernández



Take pictures of your light box and send them to our social media to share them. Remember to ask an adult for help and never look straight into light!