

Challenge

NOAA's Joint Polar Satellite System (JPSS) observes Earth's atmosphere, oceans, and land to help people forecast severe weather like hurricanes, tornadoes, and blizzards days in advance. Scientific instruments on JPSS satellites collect information that helps us protect people from droughts, forest fires, poor air quality, and harmful coastal waters. **Participate in our challenge by creating an invention that helps study the Earth's weather!** Artwork will be compiled and shared on our [launch webpage](#) and through social media and broadcast during celebrations when JPSS-2 launches this Fall. Follow the challenge and the JPSS-2 launch with the hashtag #JPSS2.

Eligibility

This activity is fun at any time but the formal challenge submission period begins on August 1, 2022 and concludes on October 12, 2022 at midnight EDT.

This contest is open to students 5-11 years old (Kindergarten to 5th grade). Entries must be submitted by a representative over the age of 18 with a release form signed by a parent or guardian.

Scan and submit this entire packet and email the following to julie.m.hoover@nasa.gov.

- First name of the inventor
- Age of inventor
- Home address
- Email address
- Completed release form

**AUTHORIZATION AND RELEASE FOR PHOTOS, AUDIO AND/OR VIDEO
RECORDINGS OF, AND/OR ARTWORK FROM A MINOR CHILD**

SUBJECT PRODUCTION/OUTREACH PROJECT:

JPSS Choose Your Own Invention Challenge

Child's Name: _____ (Child)

I, _____, hereby grant the Joint Polar Satellite System program the right to make, use, create derivative works, and/or display:

(1) photos, video and/or audio tape recordings of, my Child and/or

(2) artwork (in any media, including drawings, photos, music and video creations)

created by my Child and submitted to JPSS and/or in any manner or form, and for any lawful purpose at any time. I also grant the Institute to use my Child's name

associated with such photos, recordings of my Child or with his/her artwork. I

understand that my Child may be photographed and/or video or audio taped

verbatim and that the JPSS may allow persons external to JPSS to view the

pictures or recordings in part or in their entirety. I also understand that any artwork

submitted by my Child to JPSS may be edited, reproduced or displayed publicly at

their discretion. I am fully aware and agree that such use of my Child's image or

artwork and name may include posting on publicly available internet sites,

including NOAA or NASA sites and other publicly viewable social media sites. I

waive any right that I may have to review or approve of any finished products, or

the uses to which such products may be applied.

I release and discharge the JPSS, its employees, sponsors, and subcontractors from

any liability to me by virtue of any representation that may occur in the creation,

editing or use of said photos and/or video or audio tape recordings or the editing

or use of my Child's artwork.

I have read this agreement before signing below and warrant that I fully understand its contents.

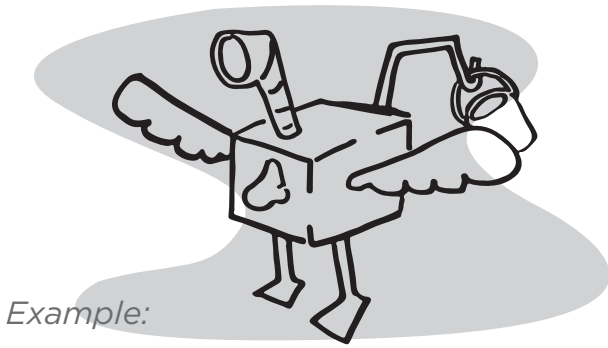
Signed: _____

Typed Name:

Date:

Address:

Choose your own invention!



Create an invention that helps study the Earth's weather.

Circle the options that you want in your creation from the questions below to help you on your creative journey.

1 What will your invention help study? (Choose one)

oceans land storms atmosphere other _____

2 Does your invention move? If yes, does it have:

legs arms springs wings wheels other _____

3 What does your invention collect?

sound air smells water temperature
other _____

4 How does your invention see?

telescope camera eyes magnifying glass
other _____

Write two to three sentences about what your invention does. Be sure to include how it helps the weather topic chosen in question number one.

Draw your invention on the back!

Invention name: _____