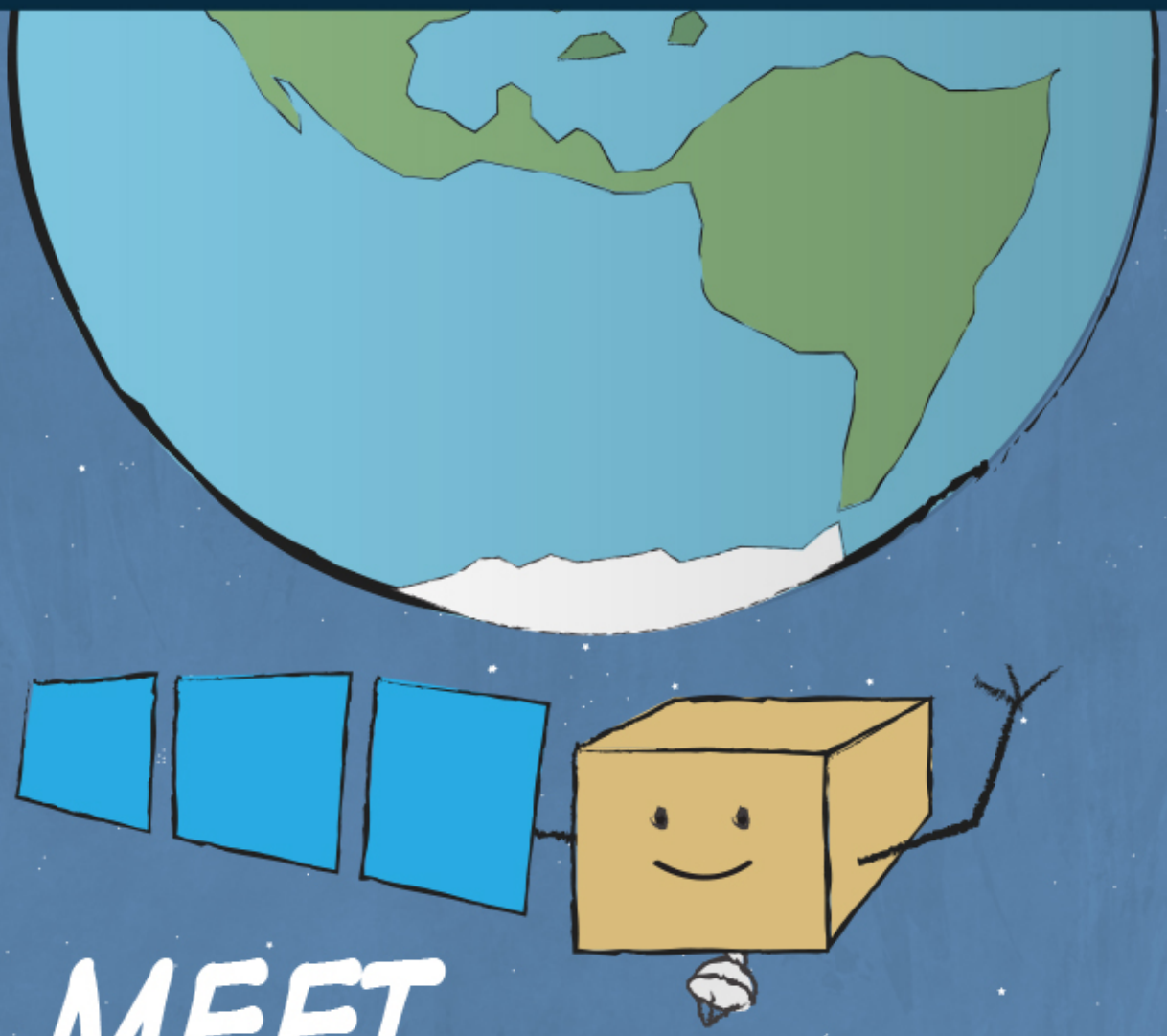
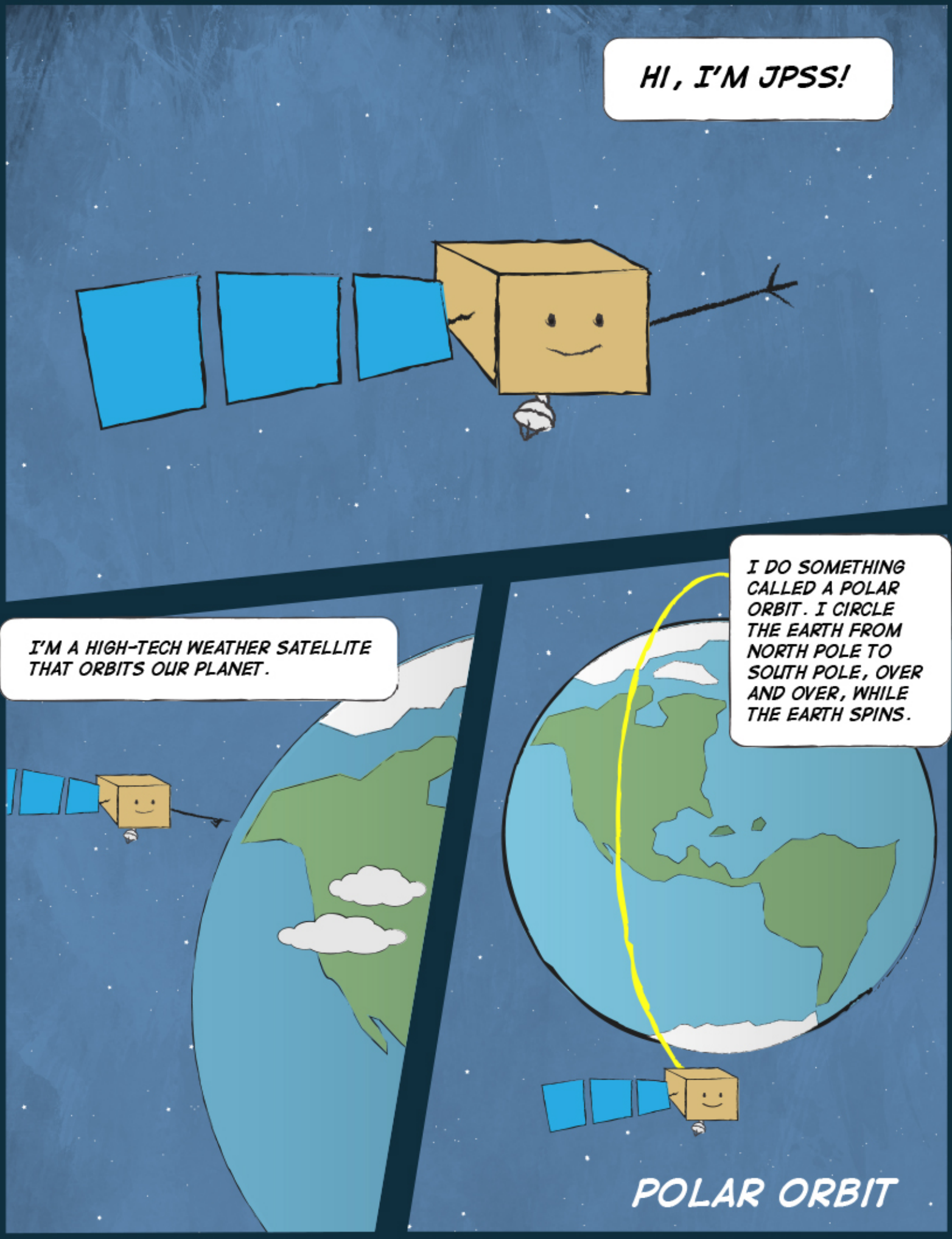
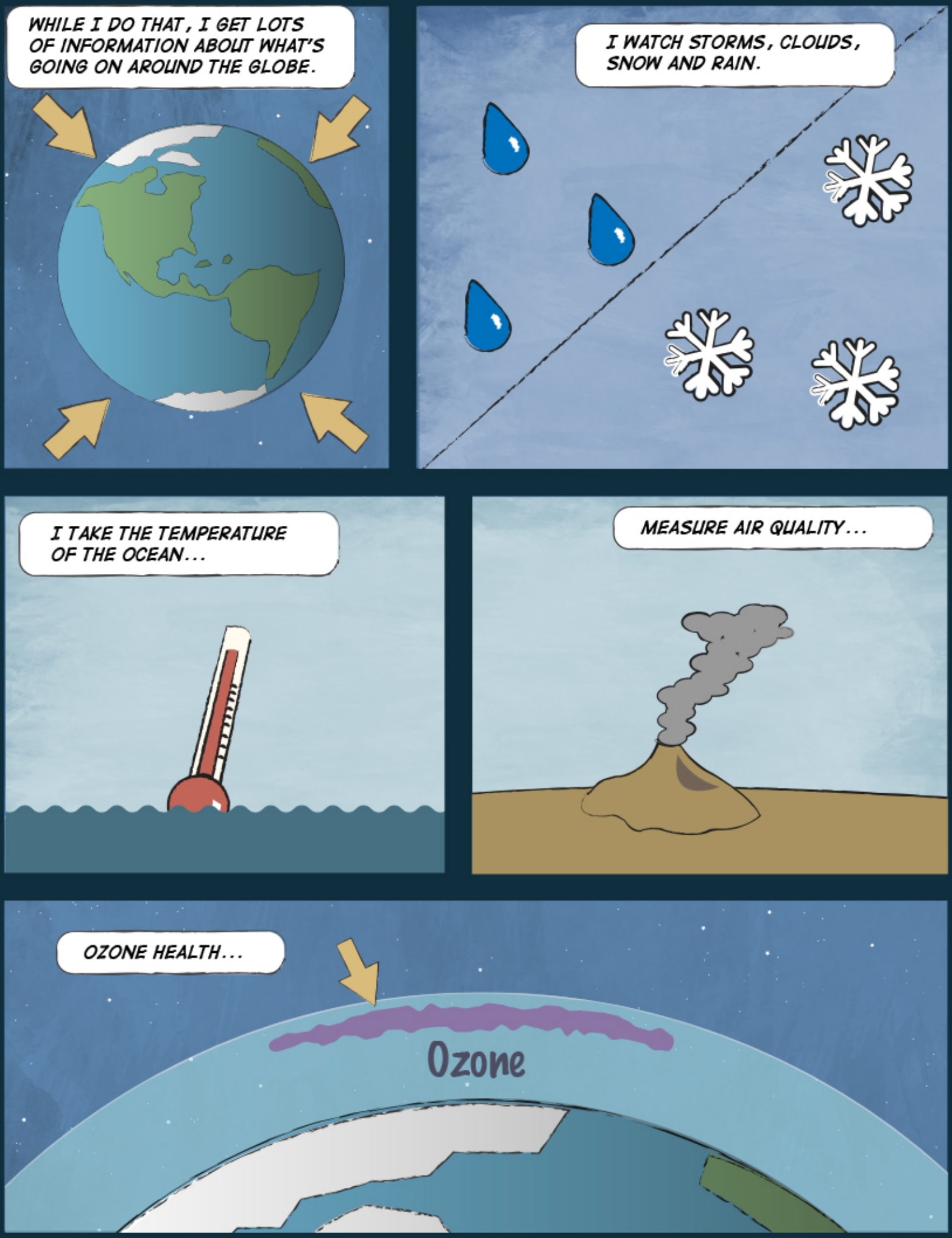
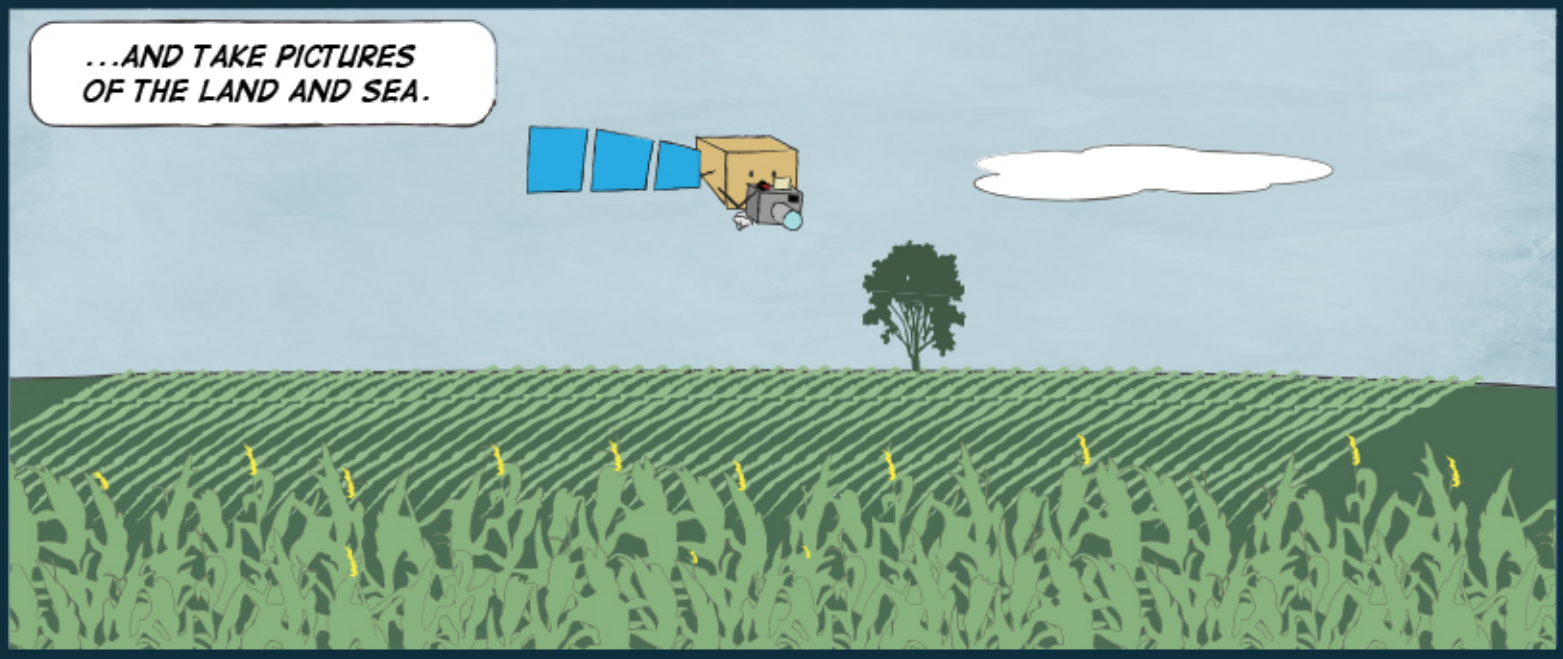


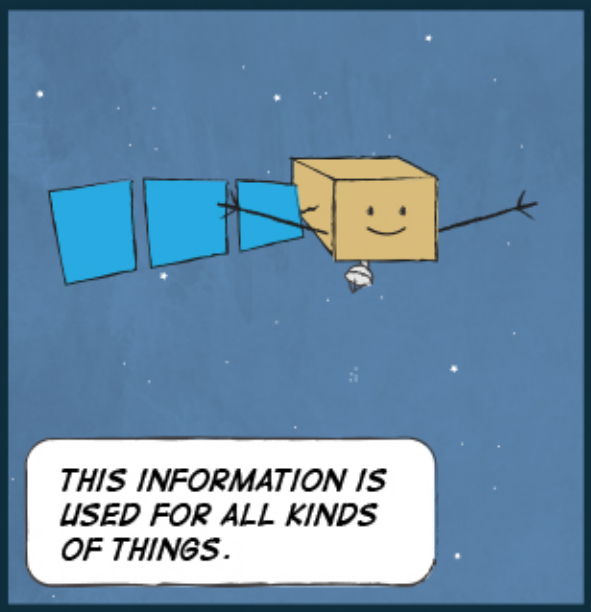
MEET JPSS

THE JOINT POLAR SATELLITE SYSTEM

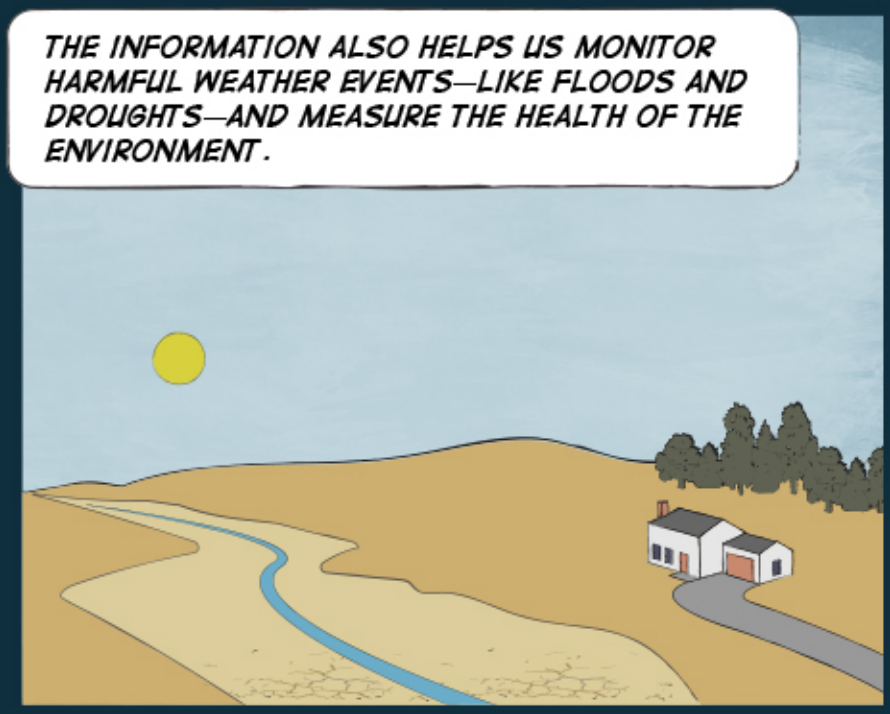

HI, I'M JPSS!
I'M A HIGH-TECH WEATHER SATELLITE THAT ORBITS OUR PLANET.
I DO SOMETHING CALLED A POLAR ORBIT. I CIRCLE THE EARTH FROM NORTH POLE TO SOUTH POLE, OVER AND OVER, WHILE THE EARTH SPINS.
POLAR ORBIT

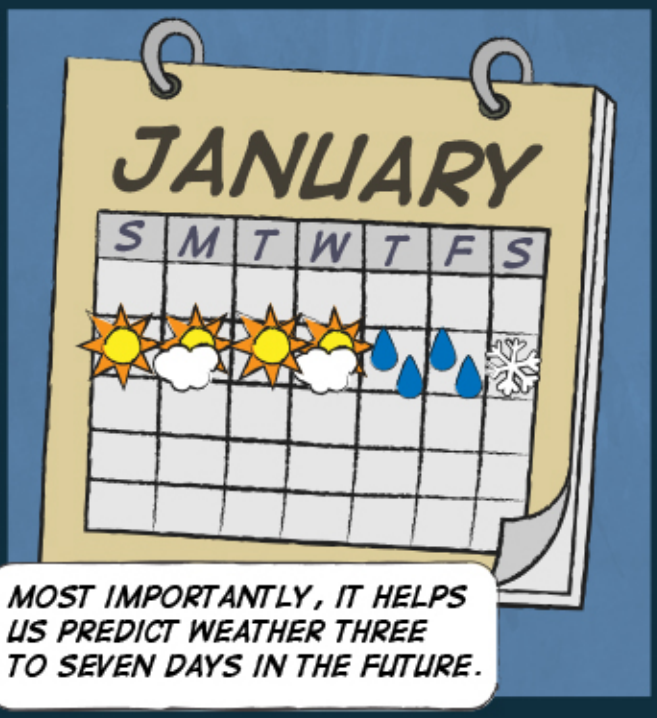

WHILE I DO THAT, I GET LOTS OF INFORMATION ABOUT WHAT'S GOING ON AROUND THE GLOBE.
I WATCH STORMS, CLOUDS, SNOW AND RAIN.
I TAKE THE TEMPERATURE OF THE OCEAN...
MEASURE AIR QUALITY...
OZONE HEALTH...
Ozone

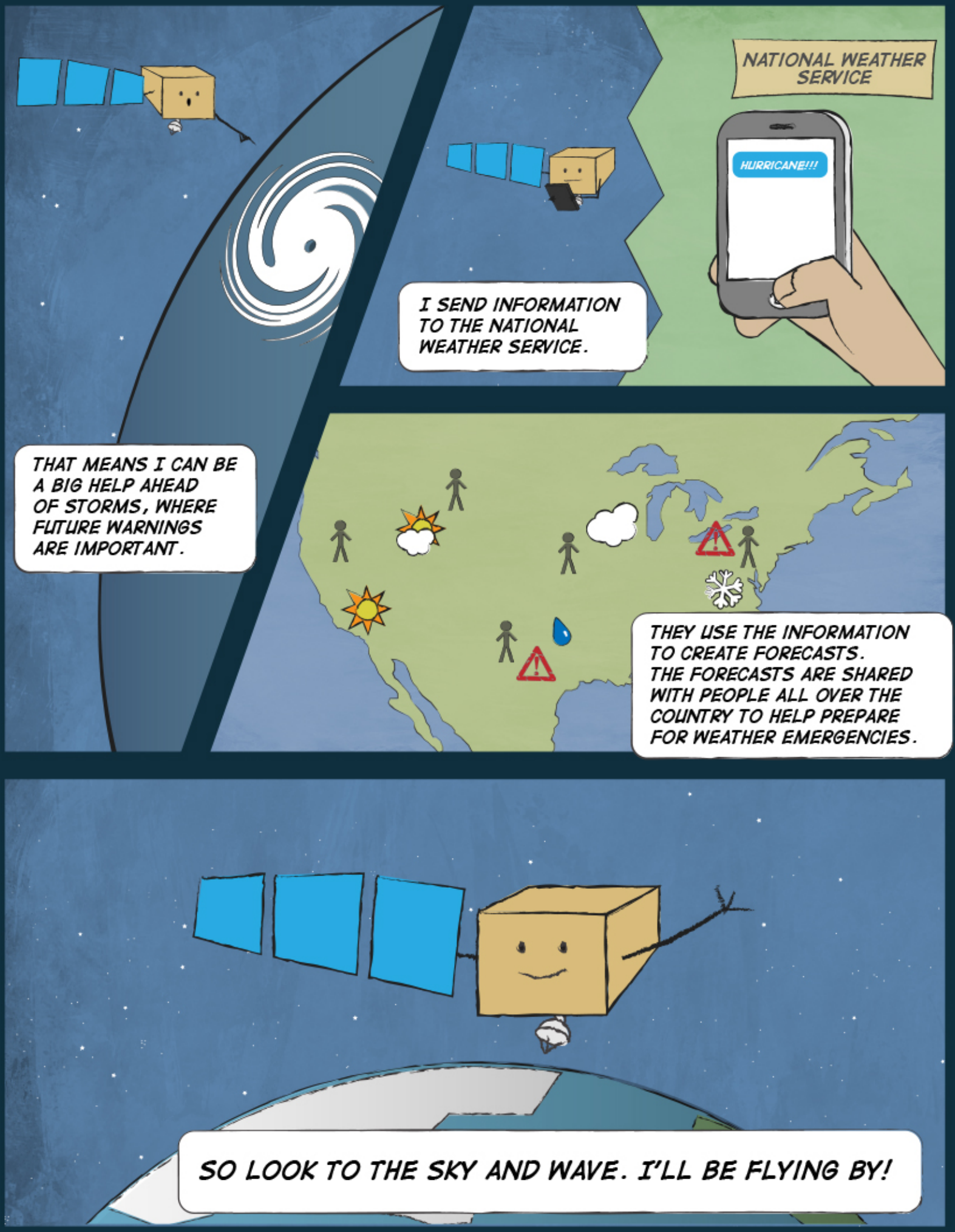

...AND TAKE PICTURES OF THE LAND AND SEA.


THIS INFORMATION IS USED FOR ALL KINDS OF THINGS.

IT HELPS US TAKE CARE OF OUR COASTS AND ALL THE AMAZING THINGS THAT LIVE THERE.


THE INFORMATION ALSO HELPS US MONITOR HARMFUL WEATHER EVENTS—LIKE FLOODS AND DROUGHTS—AND MEASURE THE HEALTH OF THE ENVIRONMENT.


JANUARY
S M T W T F S
MOST IMPORTANTLY, IT HELPS US PREDICT WEATHER THREE TO SEVEN DAYS IN THE FUTURE.


NATIONAL WEATHER SERVICE
HURRICANE!!!
I SEND INFORMATION TO THE NATIONAL WEATHER SERVICE.
THAT MEANS I CAN BE A BIG HELP AHEAD OF STORMS, WHERE FUTURE WARNINGS ARE IMPORTANT.
THEY USE THE INFORMATION TO CREATE FORECASTS. THE FORECASTS ARE SHARED WITH PEOPLE ALL OVER THE COUNTRY TO HELP PREPARE FOR WEATHER EMERGENCIES.
SO LOOK TO THE SKY AND WAVE. I'LL BE FLYING BY!

SEE THE VIDEO AT SCIJINKS.GOV/JPSS!

TO FIND WEATHER INFORMATION FOR STUDENTS, VISIT THE NOAA SCIJINKS WEBSITE AT SCIJINKS.GOV.

SCIJINKS FACEBOOK: FACEBOOK.COM/SCIJINKS

SCIJINKS TWITTER: TWITTER.COM/SCIJINKS

FOR MORE INFORMATION ABOUT JPSS, VISIT JPSS.NOAA.GOV.

NOAA SATELLITES FACEBOOK: FACEBOOK.COM/NOAANESDIS

NOAA SATELLITES TWITTER: TWITTER.COM/NOAASATELLITES

NOAA SATELLLITES YOUTUBE: YOUTUBE.COM/USER/NOAASATELLITES

NOAA SATELLITES FLICKR: FLICKR.COM/NOAASATELLITES