

SATELLITES WORKSHEET

SATELLITE IDENTIFICATION

SATELLITES CARRY OUT MANY ROLES. SOME SATELLITES STUDY THE EARTH TO MONITOR THE ENVIRONMENT AND CHANGING CLIMATE.

HERE ARE FIVE THAT WE CAN LOOK AT AND COMPARE.

HAVE A LOOK AT THE DATA FOR EACH ONE. THERE ARE A LOT OF SIMILARITIES, BUT A LOT OF DIFFERENCES TOO.

NOW HAVE A LOOK AT THESE BRIEF DESCRIPTIONS BELOW AND MATCH THEM TO THE CORRECT SATELLITE.

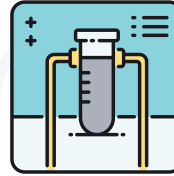
AURA measures ozone trends, air-quality changes and the link to climate change.

CALYPSO looks at the role aerosols and clouds play in regulating the Earth's climate.

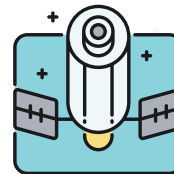
AQUA is named for the large amount of information it collects about water in the Earth system.

OCO-2 measures the atmospheric greenhouse gas carbon dioxide (CO₂).

CLOUDSTAT looks at cloud systems and the liquid and ice content to improve the accuracy of weather forecasting and climate predictions.



Analyses gases and their effect on both the ozone hole in the Earth's atmosphere and global warming. It's name is latin for breeze.



Analyses the atmosphere to understand how clouds regulate the Earth's climate and affect global warming.



Analyses the atmosphere, measuring concentrations of a critical greenhouse gas, carbon dioxide (CO₂)



Analyses evaporation from the oceans and clouds, measuring water vapor, rain, snow, and ice levels. It collects information about the Earth's water cycle and its name means water.



Analyses how aerosols and clouds regulate the Earth's climate.