

Name \_\_\_\_\_

Date \_\_\_\_\_



# Satellite Communication



## Instructions

You are going to learn about how satellites are able to communicate with the ground. Let's be honest you can put a multimillion-dollar satellite into space, but if it can't communicate with the people who launched it, it is worthless. Communication is key and the next two activities are going to help you understand how it happens.

## Video Comprehension Questions

1. What kind of antennas are part of the Deep Space Network?
2. What kind of energy is used for communication with satellites?

## DSN Uplink-Downlink game

1. What did you have to do to get a satellite to transmit its data?
2. What is it called when a ground station sends information to a satellite?
3. What is it called when a satellite sends information to a ground station?
4. What had to be true in order for the ground station and the satellite to communicate?