

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 activity is going to help you understand how it happens.

## 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 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?