

# SATELLITE RELAY

Satellites orbit the earth for all sorts of reasons. If you zoom all the way out on google maps you can see the whole world—that's only possible because of satellites sending that information back to us on earth. Satellites are used to take pictures, to look deep into space, to help us understand the weather, and for radio waves to be bounced off of for communication back down on earth!



Basically, Satellites are big old information stations. They either record and transmit or bounce information back down to earth... all in a matter of seconds!

## ZAP!

For today's activity, we're going to be the radio waves, bouncing back and forth from earth, to a satellite, and back again!

Make sure you have plenty of room (Maybe try today's activity in the garden or if your garden is quite little like Georgia's, go to a park)

Mark 3 places on the floor nice and far away from each other.



Start standing at point 1 with your arms out like a satellite antenna. Then... GO!

You need to dart from point 1, to 2, and to 3 as quickly as you can!



