

Tabs: Fold these and glue

- Solar panel mounts – poke through with kebab skewer before assembly

Make your own satellite

Which components would you include? What would you like to research?



Communications dish – allows commands to be sent to the satellite, and information collected to be transmitted back to Earth



Range finder– is used to measure the distance to objects from orbit to build 3D models of the area



Spectrometer– splits light reflected from the atmosphere into different wavelengths to identify gases present.



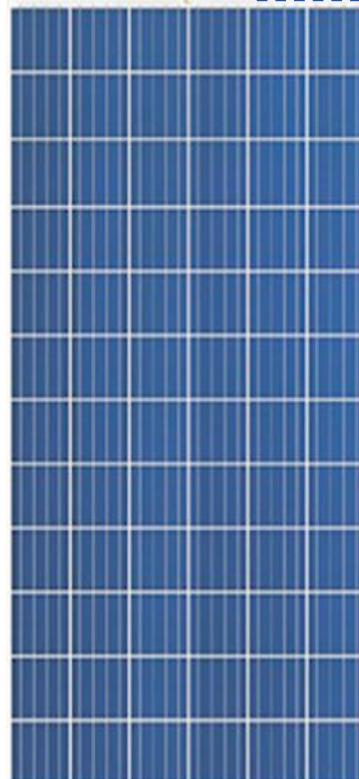
Thermal infrared imager – acts like a giant thermometer from space allowing you to get readings of surface temperature



Near infrared imager – can be used to monitor plant health from space



Visible imager– produces high resolution images of the surface of the Earth



Push the kebab skewer through the holes and glue the solar panels either side

