

# OURSPACE

DIGITAL ADVENTURES IN SPACE

## METRO - Heart Rate in Space

Understanding how space travellers bodies react to space flight is very important, both for helping them keep healthy in space, and in understanding something about how our bodies work. Our heart beats by sending waves of electrical energy from the heart pacemaker to cause the chambers of the heart to contract and so to pump blood. These electrical signals can be picked up by a device called an ECG (Electrocardiogram) using electrodes stuck to the chest to pick up these electrical signals.